

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1														
1L2	RISING BUSBAR TOWER A BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		1000	50	N/A	0.02
1L3														
2L1														
2L2	RISING BUSBAR B BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		800	50	N/A	0.02
2L3														
3L1														
3L2	RISING BUSBAR C BLOCK	G	E	1	2x300	SWA	5	60947-2	MCCB		800	50	N/A	0.02
3L3														
4L1														
4L2	LIFT B1	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43
4L3														
5L1														
5L2	LIFT A2	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43
5L3														
6L1														
6L2	LIFT A1	FP	E	1	10.0	10.0	5	60947-2	MCCB		32	50	N/A	0.43
6L3														
7L1														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: MAIN L.V PANEL	Location of DB: GF L.V ROOM
DETAILS OF THE CLIENT Name: ISG Postcode: CF15 7AB Address: UNIT 1, CAE GWYRDD, Tel No: N/A TONGWYNLAIS, CARDIFF, DETAILS OF THE INSTALLATION Occupier: ISG FUSION Postcode: SA15 5BA Address: MARINER STREET, SWANSEA, Tel No: N/A SWANSEA	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3.....) Rating: (2000.....)A Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I _{Δn} (N/A.....)mA Operating time: (N/A.....)ms Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z _s (0.05.....)Ω Z _{pf} (4.14.....)kA	

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
7L2	CHP G59	G	E	1	16.0	25.0	5	88 Fuse HRC	gG	63	80	N/A	0.78		
7L3															
8L1															
8L2	PB-D02	G	E	1	150	70.0	5	60947-2 MCCB		250	50	N/A	0.08		
8L3															
9L1															
9L2	PB-LO-A00	G	E	1	185	70.0	5	60947-2 MCCB		400	50	N/A	0.04		
9L3															
10L1	MAIN F.A PANEL GROUND FLOOR RECEPTION	FP 200	E	1	4.0	4.0	5	60947-2 MCCB		16	50	N/A	0.64		
10L2	SPARE														
10L3	SPARE														
11L1															
11L2	LIFT D1	FP 600	E	1	6.0	6.0	5	60947-2 MCCB		32	50	N/A	0.43		
11L3															
12L1															
12L2	LIFT C1	FP 600	E	1	10.0	10.0	5	60947-2 MCCB		32	50	N/A	0.43		
12L3															
13L1															

DISTRICTION BOARD (DB) DETAILS	DB designation: <u>MAIN L.V PANEL</u> Location of DB: <u>GF L.V ROOM</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (.....) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-3</u>) Rating: (<u>2000</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.05</u>)Ω Z _{pf} (<u>4.14</u>)kA	
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>		

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
13L2	LIFT B2	FP 600	E	1	10.0	10.0	5	60947-2 MCCB					N/A	0.43	
13L3															
14L1															
14L2	PFC	G	E	1	185	70.0	5	60947-2 MCCB					N/A	0.10	
14L3															
15L1															
15L2	PB-D04	G	E	1	240	50.0	5	60947-2 MCCB					N/A	0.20	
15L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: MAIN L.V PANEL Location of DB: GF L.V ROOM

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3.....) Rating: (2000.....) A

Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....) mA Operating time: (N/A.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.05.....)Ω Z_{pf} (4.14.....)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>N/A</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1															
1L2	LIFT C1	FP 600	E	1	6.0	6.0	5	60947-2		A	16	50	N/A	0.64	
1L3															
2L1															
2L2	LIFT B1	FP 600	E	1	10.0	10.0	5	60947-2		A	32	50	N/A	0.43	
2L3															
3L1															
3L2	LIFT A1	FP 600	E	1	10.0	10.0	5	60947-2		A	32	50	N/A	0.43	
3L3															
4L1	GENERATOR FAN	FP 600	E	1	2.5	SWA	5	60947-2		A	16	50	N/A	0.64	
4L2	SPARE														
4L3	SPARE														
5L1															
5L2	SPRINKLER PUMP 1	FP 600	E	1	6.0	SWA	5	88 Fuse HRC		gG	32	80	N/A	1.7	
5L3															
6L1															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: LIFESAFETY PANEL Location of DB: GF LIFESAFETY ROOM

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (GENERATOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (630) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (.....) Ω Z_{pf} (.....) kA

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>N/A</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device					RCD		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
6L2	SPRINKLER PUMP 2	FP 600	E	1	6.0	SWA	5	88 Fuse HRC	gG	32	80	N/A	1.7		
6L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: LIFESAFETY PANEL Location of DB: GF LIFESAFETY ROOM

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (GENERATOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (630) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (.....) Ω Z_{pf} (.....) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>N/A</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1															
1L2	SPRINKLER PUMP 1	FP 600	E	1	6.0	SWA	5	88 Fuse HRC	gG	32	120	N/A	1.7		
1L3															
2L1															
2L2	SPRINKLER PUMP 2	FP 600	E	1	6.0	SWA	5	88 Fuse HRC	gG	32	120	N/A	1.7		
2L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: SPRINKLER SUPPLY Location of DB: SSE CT CHAMBER

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (SSE CT CHAMBER) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (2000) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_{pf} (4.28) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	LIGHTING COMMUNAL AREAS	A	B	19	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	COMMUNAL KITCHEN HOB RHS	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMMUNAL KITCHEN HOB LHS	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
5	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7	KITCHEN RING MAIN	A	B	16	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
8	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11	CORRIDOR SKTS	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A01/01	Location of DB: 1ST FLOOR BLOCK A

DETAILS OF THE CLIENT	
Name: ISG	Postcode: CF15 7AB
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,	Tel No: N/A
DETAILS OF THE INSTALLATION	
Occupier: ISG FUSION	Postcode: SA15 5BA
Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Supply to DB is from: (PB-A02)	Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)	Rating: (125) A
Associated RCD (if any) Type: (BS EN N/A)	No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes)	Phase sequence confirmed (where appropriate): True Z _s (0.17) Ω Z _{pf} (1.35) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING LHS	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	SPARE													
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	SPARE													
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	SPARE													
8L1	SPARE													

DISTRICTION BOARD (DB) DETAILS	DB designation: <u>DB/A01/02</u>		Location of DB: <u>1ST FLOOR BLOCK A</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-A02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.23</u>)Ω Z _f (<u>1.09</u>)kA			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					N/A	2.19
8L3	SPARE													
9L1	SPARE													
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					N/A	2.19
9L3	SPARE													
10L1	SPARE													
10L2	SIGN SUPPLY	A	B	2	2.5	1.5	0.4	60898 MCB					N/A	4.37

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A01/02

Location of DB: 1ST FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.23) Ω Z_{pf} (1.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB/A01/03		Location of DB: 1ST FLOOR BLOCK A	
DETAILS OF THE CLIENT					
Name: ISG		Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,		Tel No: N/A			
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION		Postcode: SA15 5BA			
Address: MARINER STREET, SWANSEA, SWANSEA		Tel No: N/A			
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)					
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A					
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms					
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.16) Ω Z _{pf} (1.47) kA					

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
11L1	SPARE													
11L2	SPARE													
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
12L1	SPARE													
12L2	SPARE													
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
13L1	SPARE													
13L2	SPARE													
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
14L1	SPARE													
14L2	SPARE													
14L3	SPARE													
15L1	SPARE													
15L2	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A01/03</u>		Location of DB: <u>1ST FLOOR BLOCK A</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-A02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.16</u>)Ω Z _{pf} (<u>1.47</u>)kA			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A01/03

Location of DB: 1ST FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16)Ω Z_{pf} (1.47)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A01-01	G	E	1	25	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L2	DB-A02-01	G	E	1	25	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L3	SPARE													
2L1	DB-A01-02													
2L2	DB-A01-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A01-02													
3L1	BD-A01-03													
3L2	DB-A01-03	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
3L3	DB-A01-03													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	DB-A02-02													
5L2	DB-A02-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
5L3	DB-A02-02													
6L1	DB-A02-03													
6L2	DB-A02-03	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
6L3	DB-A02-03													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>PB-A02</u>	Location of DB: <u>FLOOR 2 RISER A</u>
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DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u> DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>RISING BUSBAR FLOOR 2</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-3</u>) Rating: (<u>400</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.06</u>)Ω Z _{pf} (<u>3.98</u>)kA
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37			
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37			
3	LIGHTING COMMUNAL AREAS	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37			
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
10	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37			
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
13	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
14	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
15	SPARE															
16	SPARE															
17	SPARE															
18	SPARE															
19	SPARE															
20	SPARE															
21	SPARE															
22	SPARE															

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A02/01 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08)Ω Z_{pf} (2.93)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
23	SPARE												
24	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A02/01 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{df} (2.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING COMMUNAL	A	B	14	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A02/02 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.15)Ω Z_{pf} (1.87)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	
9L1	SPARE													
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A02/02 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.15)Ω Z_{pf} (1.87)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A02/03 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1)Ω Z_{pf} (2.37)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)						
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
8L3	SPARE																
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
9L3	SPARE																
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
10L2	SPARE																
10L3	SPARE																
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
11L2	SPARE																
11L3	SPARE																
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
12L2	SPARE																
12L3	SPARE																
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
13L2	SPARE																
13L3	SPARE																
14L1	SPARE																
14L2	SPARE																
14L3	SPARE																
15L1	SPARE																
15L2	SPARE																

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A02/03 Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.37) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A02/03

Location of DB: 2ND FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1)Ω Z_{pf} (2.37)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING GROUND & 1ST FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L2	LIGHTING 4TH & 5TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L3	LIGHTING STAIRCASE GROUND TO 3RD FLOOR	A	B	15	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
2L1	LIGHTING 2ND & 3RD FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L2	LIGHTING 6TH & 7TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L3	LIGHTING STAIRCASE 4TH TO 7TH FLOOR	A	B	22	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
3L1	SPARE														
3L2	SPARE														
3L3	SPARE														
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	CLEANERS SKTS/AOV SPURS GROUND TO 3RD FLOOR	A	B	19	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
5L2	DOOR ACCESS 1ST FOOR SOCIAL SPACE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	CLEANERS SKT/AOV SPURS 4TH TO 7TH FLOOR	A	B	20	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
6L1	DATA CAB	A	B	20	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L2	SPARE														
6L3	SPARE														
7L1	SPARE														
7L2	SPARE														
7L3	SPARE														
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A03/LL Location of DB: 3RD FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_{df} (9.12) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
8L2	SPARE												
8L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A03/LL Location of DB: 3RD FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_{df} (9.12) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SPARE														
16	SPARE														
17	SPARE														
18	SPARE														
19	SPARE														
20	SPARE														
21	SPARE														
22	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A03/01</u>	Location of DB: <u>3RD FLOOR LINK KITCHEN</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: <u>(PB-A04)</u>	Nominal voltage: <u>(230)</u> V	No. of phases: <u>(1)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u>	Rating: <u>(125)</u> A	
Associated RCD (if any) Type: <u>(BS EN N/A)</u>	No. of poles: <u>(N/A)</u>	<u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms
Characteristics at this DB	Confirmation of supply polarity: <u>(Yes)</u>	Phase sequence confirmed (where appropriate): True Z _s <u>(0.07)</u> Ω Z _f <u>(3.1)</u> kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
23	SPARE												
24	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A03/01 Location of DB: 3RD FLOOR LINK KITCHEN

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.07) Ω Z_{pf} (3.1) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL	A	B	14	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	SPARE													
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	SPARE													
7L3	SPARE													
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A03/02	Location of DB: 3RD FLOOR BLOCK A
DETAILS OF THE CLIENT		
Name: ISG	Postcode: CF15 7AB	
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,	Tel No: N/A	
DETAILS OF THE INSTALLATION		
Occupier: ISG FUSION	Postcode: SA15 5BA	
Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (PB-A04)	Nominal voltage: (400) V	No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)	Rating: (125) A	
Associated RCD (if any) Type: (BS EN N/A)	No. of poles: (N/A)	I _{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB	Confirmation of supply polarity: (Yes)	Phase sequence confirmed (where appropriate): True Z _s (0.09) Ω Z _{pf} (2.61) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	SPARE														
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	SPARE														
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A03/02</u>	Location of DB: <u>3RD FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT	
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>
DETAILS OF THE INSTALLATION	
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Supply to DB is from: (<u>PB-A04</u>)	Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A	
Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms	
Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.61</u>)kA	

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A03/03		Location of DB: 3RD FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.21) kA			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L3	SPARE														
11L1	SPARE														
11L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
11L3	SPARE														
12L1	SPARE														
12L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L3	SPARE														
13L1	SPARE														
13L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A03/03 Location of DB: 3RD FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.21) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>																	
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD									
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)								
15L3	SPARE																				
16L1	SPARE																				
16L2	SPARE																				
16L3	SPARE																				

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A03/03 Location of DB: 3RD FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{df} (2.21) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A04-01	G	E	1	25	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L2	SPARE													
1L3	DB-A03-01	G	E	1	25	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L1	DB-A03-02													
2L2	DB-A03-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A03-02													
3L1	DB-A03-03													
3L2	DB-A03-03	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
3L3	DB-A03-03													
4L1	DB-A04-02													
4L2	DB-A04-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
4L3	DB-A04-02													
5L1	SPARE													
5L2	SPARE													
5L3	SPARE													
6L1	DB-A04-03													
6L2	DB-A04-03	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
6L3	DB-A04-03													
7L1	DB-A03-LL													
7L2	DB-A03-LL	G	E	1	25	ARM	5	60947-2	MCCB		125	25	N/A	0.15
7L3	DB-A03-LL													

DETAILS OF THE CLIENT	DETAILS OF THE INSTALLATION
Name: <u>ISG</u> Postcode: <u>CF15 7AB</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	
Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u>	Supply to DB is from: <u>(RISING BUSBAR FLOOR 4)</u> Nominal voltage: <u>(400)</u> V No. of phases: <u>(3)</u>
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-3)</u> Rating: <u>(400)</u> A
	Associated RCD (if any) Type: <u>(BS EN N/A)</u> No. of poles: <u>(N/A)</u> I _{Δn} <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms
	Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): <u>True</u> Z _s <u>(0.06)</u> Ω Z _{pf} <u>(3.6)</u> kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	COMMUNAL LIGHTING	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	COMMUNAL RING MAIN	A	B	19	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
11	KITCHEN HOB RHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	KITCHEN HOB LHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
13	KITCHEN OVEN/HOOD LHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	KITCHEN OVEN/HOOD RHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A04/01 Location of DB: 4TH FLOOR LINK

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09)Ω Z_{pf} (2.71)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	SPARE													
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	SPARE													
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	SPARE													
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB/A04/02		Location of DB: 4TH FLOOR LINK A	
DETAILS OF THE CLIENT					
Name: ISG	Postcode: CF15 7AB				
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF	Tel No: N/A				
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION	Postcode: SA15 5BA				
Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A				
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-A04)		Nominal voltage: (400) V		No. of phases: (3)	
Overcurrent protection device for the distribution circuit		Type: (BS EN 60947-2)		Rating: (125) A	
Associated RCD (if any)		Type: (BS EN N/A)		No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms	
Characteristics at this DB		Confirmation of supply polarity: (Yes)		Phase sequence confirmed (where appropriate): True Z _s (0.16) Ω Z _f (1.45) kA	

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				N/A	2.19	
8L3	SPARE													
9L1	SPARE													
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB				N/A	2.19	
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A04/02	Location of DB: 4TH FLOOR LINK A
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<p>DETAILS OF THE CLIENT</p> <p>Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF Postcode: CF15 7AB Tel No: N/A</p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A</p>	<p style="text-align: center;">TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A</p> <p>Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω Z_{pf} (1.45) kA</p>
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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A04/03		Location of DB: 4TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	Postcode: CF15 7AB Tel No: N/A Postcode: SA15 5BA Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.09) Ω Z _{df} (2.51) kA		

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11L1	SPARE														
11L2	SPARE														
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12L1	SPARE														
12L2	SPARE														
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
13L1	SPARE														
13L2	SPARE														
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB/A04/03		Location of DB: 4TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A			TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.09) Ω Z _{pf} (2.51) kA		
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A					

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A04/03 Location of DB: 4TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{pf} (2.51) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	COMMUNAL LIGHTING	A	B	19	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL CIRCUIT	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	COMMUNAL KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN HOB	A	B	1	10.0	4.0	0.4	60989 MCB	B	32	10	N/A	1.37		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A05/01 Location of DB: 5TH FLOOR LINK KITCHEN

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05)Ω Z_{pf} (2.11)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A05/02		Location of DB: 5TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (No) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _{df} (2.91) kA			

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	
9L1	SPARE													
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A05/02</u>	Location of DB: <u>5TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: <u>ISG</u> Postcode: <u>CF15 7AB</u>	Supply to DB is from: (<u>PB-A06</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION	Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A
Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u>	Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Characteristics at this DB Confirmation of supply polarity: (<u>No</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.08</u>)Ω Z _{pf} (<u>2.91</u>)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
2L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
2L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO		B	32	10	30	1.37
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB		B	32	10	N/A	1.37
4L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
4L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L3	SPARE													
6L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
6L2	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19
6L3	SPARE													
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
7L3	SPARE													
8L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO		B	20	10	30	2.19

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A05/03

Location of DB: 5TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{df} (2.91) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	SPARE														
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	SPARE														
10L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L2	SPARE														
10L3	SPARE														
11L1	STUDIO HOB CIRCUIT	A	B	1	1.5	1.0	0.4	60898 MCB	B	20	10	N/A	2.19		
11L2	SPARE														
11L3	SPARE														
12L1	STUDIO RADIAL CIRCUIT	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L2	SPARE														
12L3	SPARE														
13L1	STUDIO HOB RADIAL	A	B	1	1.5	1.0	0.4	60898 MCB	B	20	10	30	2.19		
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A05/03		Location of DB: 5TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.91) kA			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A				

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
15L3	SPARE													
16L1	SPARE													
16L2	SPARE													
16L3	SPARE													
17L1	SPARE													
17L2	SPARE													
17L3	SPARE													
18L1	SPARE													
18L2	SPARE													
18L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A05/03</u>	Location of DB: <u>5TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.91) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	SPARE													
1L2	DB-A05-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
1L3	DB-A06-01	G	E	1	25	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
2L1	DB-A05-02													
2L2	DB-A05-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
2L3	DB-A05-02													
3L1	DB-A05-03													
3L2	DB-A05-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
3L3	DB-A05-03													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	DB-A06-02													
5L2	DB-A06-02	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
5L3	DB-A06-02													
6L1	DB-A06-03													
6L2	DB-A06-03	G	E	1	35	ARM	5	60947-2	MCCB	125	25	N/A	0.15	
6L3	DB-A06-03													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>PB-A06</u>	Location of DB: <u>FLOOR 6 RISER A</u>
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DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: <u>(RISING BUSBAR FLOOR 6)</u> Nominal voltage: <u>(400)</u> V No. of phases: <u>(3)</u> Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-3)</u> Rating: <u>(400)</u> A Associated RCD (if any) Type: <u>(BS EN N/A)</u> No. of poles: <u>(N/A)</u> I _{Δn} <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): True Z _s <u>(0.06)</u> Ω Z _{pf} <u>(4.13)</u> kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	COMMUNAL LIGHTING	A	B	16	1.5	1.0	0.4	61029 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	COMMUNAL KITCHEN RING MAIN	A	B	19	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
11	COMMUNAL HOB LHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL HOB RHS	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
13	COMMUNAL OVEN/HOOD LHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	COMMUNAL OVEN/HOOD RHS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A06/01 Location of DB: 6TH FLOOR LINK KITCHEN

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06)Ω Z_{pf} (4.09)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN RING MAIN	A	B	20	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	SPARE													
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	SPARE													
7L3	SPARE													
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A06/02

Location of DB: 6TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.64) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	SPARE													
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L2	SPARE													
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A06/02</u>	Location of DB: <u>6TH FLOOR BLOCK A</u>
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<p>DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p style="text-align: center;">TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (<u>PB-A06</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A</p> <p>Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I_{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (<u>0.14</u>)Ω Z_{pf} (<u>1.64</u>)kA</p>
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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A06/03		Location of DB: 6TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.27) kA			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L3	SPARE														
11L1	SPARE														
11L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
11L3	SPARE														
12L1	SPARE														
12L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L3	SPARE														
13L1	SPARE														
13L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A06/03 Location of DB: 6TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1)Ω Z_f (2.27)kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A06/03 Location of DB: 6TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω I_{Δf} (2.27) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	SPARE													
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	SPARE													
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	SPARE													
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS DB designation: <u>DB/A07/01</u> Location of DB: <u>7TH FLOOR BLOCK A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.31) kA
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					N/A	2.19
8L3	SPARE													
9L1	SPARE													
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					N/A	2.19
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A07/01 Location of DB: 7TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.31) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN COMMUNAL RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	KITCHEN HOB RADIAL	A	B	1	10.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	SPARE													
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A07/02		Location of DB: 7TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	Postcode: CF15 7AB Tel No: N/A Postcode: SA15 5BA Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.36) kA		

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
11L1	SPARE													
11L2	SPARE													
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
12L1	SPARE													
12L2	SPARE													
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
13L1	SPARE													
13L2	SPARE													
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A07/02 Location of DB: 7TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.36) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A07-01													
1L2	DB-A07-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L3	DB-A07-01													
2L1	DB-A07-02													
2L2	DB-A07-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A07-02													
3L1	DB-A08-02													
3L2	DB-A08-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
3L3	DB-A08-02													
4L1	DB-A08-01													
4L2	DB-A08-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
4L3	DB-A08-01													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-A08 Location of DB: FLOOR 8 RISER A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 8) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06)Ω Z_{pf} (3.96)kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A08/01</u>	Location of DB: <u>8TH FLOOR BLOCK A</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (<u>PB-A08</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)		
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A		
Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms		
Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.08</u>)Ω Z _{df} (<u>2.96</u>)kA		

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL RADIAL	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	
9L1	SPARE													
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A08/01</u>	Location of DB: <u>8TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: <u>ISG</u> Postcode: <u>CF15 7AB</u>	Supply to DB is from: (<u>PB-A08</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION	Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A
Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u>	Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.08</u>)Ω Z _{pf} (<u>2.96</u>)kA

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING COMMUNAL	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A08/02

Location of DB: 8TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.22) Ω Z_{df} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)						
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
8L3	SPARE																
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
9L3	SPARE																
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
10L2	SPARE																
10L3	SPARE																
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
11L2	SPARE																
11L3	SPARE																
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
12L2	SPARE																
12L3	SPARE																
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
13L2	SPARE																
13L3	SPARE																
14L1	SPARE																
14L2	SPARE																
14L3	SPARE																
15L1	SPARE																
15L2	SPARE																

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A08/02 Location of DB: 8TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.22) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A08/02 Location of DB: 8TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A08) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.22) Ω Z_{pf} (2.1) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING 8TH & 9TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	
1L2	LIGHTING 10TH & 11TH FLOOR LIFT LOBBY	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37	
1L3	LIGHTING STAIRCASE 8TH TO 11TH FLOOR	A	B	21	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	
2L1	SPARE													
2L2	SPARE													
2L3	SPARE													
3L1	SPARE													
3L2	SPARE													
3L3	SPARE													
4L1	SPARE													
4L2	SPARE													
4L3	SPARE													
5L1	8TH TO 11TH FLOOR CLEANERS SKTS/AOV SPURS	A	B	20	4.0	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
5L2	FA PANEL SPUR LEVEL 7 RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	SPARE													
6L3	SPARE													
7L1	SPARE													
7L2	SPARE													
7L3	SPARE													
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A09/LL	Location of DB: 9TH FLOOR BLOCK A
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _f (5.70) kA	
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
8L2	SPARE												
8L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A09/LL Location of DB: 9TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (5.70) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19		

DETAILS OF THE CLIENT		DETAILS OF THE INSTALLATION	
Name: ISG	Postcode: CF15 7AB	Occupier: ISG FUSION	Postcode: SA15 5BA
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF.	Tel No: N/A	Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Supply to DB is from: (PB-A10)	Nominal voltage: (400) V	No. of phases: (3)	
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)	Rating: (125) A		
Associated RCD (if any) Type: (BS EN N/A)	No. of poles: (N/A)	I _{Δn} (N/A) mA	Operating time: (N/A) ms
Characteristics at this DB	Confirmation of supply polarity: (Yes)	Phase sequence confirmed (where appropriate): True	Z _s (0.07) Ω Z _{pf} (6.88) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>														
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
8L2	SPARE															
8L3	SPARE															
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19			
9L2	SPARE															
9L3	SPARE															
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A09/01</u>	Location of DB: <u>9TH FLOOR BLOCK A</u>
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<p>DETAILS OF THE CLIENT</p> <p>Name: <u>ISG</u> Postcode: <u>CF15 7AB</u></p> <p>Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u></p> <p>Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p style="text-align: center;">TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (<u>PB-A10</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A</p> <p>Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I_{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (<u>0.07</u>)Ω Z_{pf} (<u>6.88</u>)kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A09/02		Location of DB: 9TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.1) Ω Z _{df} (2.28) kA			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A				

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)						
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
9L1	SPARE																
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
10L1	SPARE																
10L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
10L3	SPARE																
11L1	SPARE																
11L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
11L3	SPARE																
12L1	SPARE																
12L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
12L3	SPARE																
13L1	SPARE																
13L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					B	20	10	N/A	2.19
13L3	SPARE																
14L1	SPARE																
14L2	SPARE																
14L3	SPARE																
15L1	SPARE																
15L2	SPARE																

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A09/02</u>		Location of DB: <u>9TH FLOOR BLOCK A</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-A10</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.1</u>)Ω Z _f (<u>2.28</u>)kA			

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A09/02 Location of DB: 9TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω I_{Δf} (2.28) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A09-01													
1L2	DB-A09-01	G	E	1	35	ARM		60947-2	MCCB		125	25	N/A	0.15
1L3	DB-A09-01													
2L1	DB-A09-02													
2L2	DB-A09-02	G	E	1	35	ARM		60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A09-02													
3L1	DB-A10-01													
3L2	DB-A10-01	G	E	1	35	ARM		60947-2	MCCB		125	25	N/A	0.15
3L3	DB-A10-01													
4L1	DB-A10-02													
4L2	DB-A10-02	G	E	1	35	ARM		60947-2	MCCB		125	25	N/A	0.15
4L3	DB-A10-02													
5L1	DB-A09-LL													
5L2	DB-A09-LL	G	E	1	25	ARM		60947-2	MCCB		125	25	N/A	
5L3	DB-A09-LL													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>PB-A10</u>	Location of DB: <u>FLOOR 10 RISER A</u>
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<p>DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p style="text-align: center;">TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (<u>RISING BUSBAR FLOOR 10 RISER</u>) Nominal voltage: (<u>400</u>) V No. of phases: (<u>3</u>)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-3</u>) Rating: (<u>400</u>) A</p> <p>Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I_{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (<u>0.06</u>) Ω Z_{df} (<u>4.00</u>) kA</p>
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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE														
6L1	SPARE														
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	SPARE														
7L1	SPARE														
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	SPARE														
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB/A10/01		Location of DB: 10TH FLOOR BLOCK A	
DETAILS OF THE CLIENT					
Name: ISG		Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,		Tel No: N/A			
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION		Postcode: SA15 5BA			
Address: MARINER STREET, SWANSEA, SWANSEA		Tel No: N/A			
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)					
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A					
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms					
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _{df} (5.98) kA					

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					N/A	2.19
8L3	SPARE													
9L1	SPARE													
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					N/A	2.19
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A10/01	Location of DB: 10TH FLOOR BLOCK A

DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _{pf} (5.98) kA
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1L1	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	SPARE													
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A10/02 Location of DB: 10TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{df} (2.52) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11L1	SPARE														
11L2	SPARE														
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12L1	SPARE														
12L2	SPARE														
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
13L1	SPARE														
13L2	SPARE														
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A10/02</u>	Location of DB: <u>10TH FLOOR BLOCK A</u>
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PB-A10</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.52</u>)kA	
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>		

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A10/02 Location of DB: 10TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A10) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω I_{Δf} (2.52) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A11/01</u>	Location of DB: <u>11TH FLOOR BLOCK A</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (<u>PB-A12</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)		
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A		
Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms		
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (<u>0.16</u>)Ω Z _{df} (<u>1.46</u>)kA		

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19		
9L1	SPARE														
9L2	SPARE														
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A11/01</u>	Location of DB: <u>11TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: <u>ISG</u> Postcode: <u>CF15 7AB</u>	Supply to DB is from: (<u>PB-A12</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A
DETAILS OF THE INSTALLATION	Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms
Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u>	Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.16</u>)Ω Z _f (<u>1.46</u>)kA
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO		B	32	10	30	1.37
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB		B	32	10	N/A	1.37
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
5L3	SPARE													
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19
6L3	SPARE													
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19
7L3	SPARE													
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19

DISTRIUTION BOARD (DB) DETAILS	DB designation: DB/A11/02		Location of DB: 11TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.14) Ω Z _{df} (1.68) kA			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	SPARE														
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	SPARE														
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L2	SPARE														
10L3	SPARE														
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
11L2	SPARE														
11L3	SPARE														
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L2	SPARE														
12L3	SPARE														
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13L2	SPARE														
13L3	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A11/02

Location of DB: 11TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14)Ω Z_{pf} (1.68)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A11-01													
1L2	DB-A11-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L3	DB-A11-01													
2L1	DB-A11-02													
2L2	DB-A11-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A11-02													
3L1	DB-A12-01													
3L2	DB-A12-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
3L3	DB-A12-01													
4L1	DB-A12-02													
4L2	DB-A12-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
4L3	DB-A12-02													
5L1	DB-A13-01													
5L2	DB-A13-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
5L3	DB-A13-01													
6L1	DB-A13-02													
6L2	DB-A13-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
6L3	DB-A13-02													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-A12 Location of DB: FLOOR 12 RISER A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_{pf} (4.10) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19		

DETAILS OF THE CLIENT		DETAILS OF THE INSTALLATION	
Name: ISG	Postcode: CF15 7AB	Occupier: ISG FUSION	Postcode: SA15 5BA
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF.	Tel No: N/A	Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Supply to DB is from: (PB-A12)	Nominal voltage: (400) V	No. of phases: (3)	
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)	Rating: (125) A		
Associated RCD (if any) Type: (BS EN N/A)	No. of poles: (N/A)	I _{Δn} (N/A) mA	Operating time: (N/A) ms
Characteristics at this DB	Confirmation of supply polarity: (Yes)	Phase sequence confirmed (where appropriate): True	Z _s (0.11) Ω Z _{pf} (4.16) kA

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
8L2	SPARE														
8L3	SPARE														
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	SPARE														
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A12/01	Location of DB: 12TH FLOOR BLOCK A

DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF	Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)
Postcode: CF15 7AB Tel No: N/A	Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A
Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms
Postcode: SA15 5BA Tel No: N/A	Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.11) Ω Z _{pf} (4.16) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A12/02		Location of DB: 12TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.12) Ω Z _{df} (1.97) kA			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L3	SPARE														
11L1	SPARE														
11L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
11L3	SPARE														
12L1	SPARE														
12L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L3	SPARE														
13L1	SPARE														
13L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A12/02	Location of DB: 12TH FLOOR BLOCK A
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.12) Ω Z _f (1.97) kA	
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A		

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A12/02 Location of DB: 12TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.12) Ω I_{Δf} (1.97) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	13	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	SPARE													
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	SPARE													
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	SPARE													
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB/A13/01		Location of DB: 13TH FLOOR BLOCK A	
DETAILS OF THE CLIENT					
Name: ISG		Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF		Tel No: N/A			
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION		Postcode: SA15 5BA			
Address: MARINER STREET, SWANSEA, SWANSEA		Tel No: N/A			
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)					
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A					
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms					
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.11) Ω Z _f (2.18) kA					

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO					N/A	2.19
8L3	SPARE													
9L1	SPARE													
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB					N/A	2.19
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A13/01</u>	Location of DB: <u>13TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-A12</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.11</u>)Ω Z _{pf} (<u>2.18</u>)kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIUTION BOARD (DB) DETAILS		DB designation: DB/A13/02		Location of DB: 13TH FLOOR BLOCK A	
DETAILS OF THE CLIENT					
Name: ISG		Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,		Tel No: N/A			
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION		Postcode: SA15 5BA			
Address: MARINER STREET, SWANSEA, SWANSEA		Tel No: N/A			
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)					
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A					
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms					
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _{pf} (1.82) kA					

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11L1	SPARE														
11L2	SPARE														
11L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12L1	SPARE														
12L2	SPARE														
12L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
13L1	SPARE														
13L2	SPARE														
13L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A13/02	Location of DB: 13TH FLOOR BLOCK A
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _f (1.82) kA	

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A13/02 Location of DB: 13TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A12) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (1.82) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LOBBY LIGHTING FLOORS 12 TO 13	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L2	LOBBY LIGHTING FLOOR 16	A	B	16	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L3	STAIR LIGHTING FLOOR 12 TO 14	A	B	16	1.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
2L1	LOBBY LIGHTING FLOORS 14 TO 15	A	B	32	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L2	SPARE														
2L3	SPARE														
3L1	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
3L2	SPARE														
3L3	SPARE														
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	CLEANERS SKT/AOV SPURS FLOORS 12 TO 16 RING MAIN	A	B	17	4.0	2.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
5L2	FA PANEL SPUR FLOOR 13 RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE														
6L1	DATA CAB SPUR FLOOR 14 RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L2															
6L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A14/LL Location of DB: 14TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.19) Ω Z_{pf} (1.4) kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1L1	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/A14/01		Location of DB: 14TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.18) Ω Z _f (1.3) kA			

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	
9L1	SPARE													
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A14/01 Location of DB: 14TH FLOOR BLOCK A

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.18) Ω Z_{pf} (1.3) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO		B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB		B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A14/02 Location of DB: 14TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω Z_{df} (1.41) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	SPARE														
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	SPARE														
10L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10L2	SPARE														
10L3	SPARE														
11L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
11L2	SPARE														
11L3	SPARE														
12L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
12L2	SPARE														
12L3	SPARE														
13L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A14/02 Location of DB: 14TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω Z_f (1.41) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A14/02 Location of DB: 14TH FLOOR BLOCK A

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω I_{Δf} (1.41) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	DB-A14-01													
1L2	DB-A14-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
1L3	DB-A14-01													
2L1	DB-A14-02													
2L2	DB-A14-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
2L3	DB-A14-02													
3L1	DB-A14-LL													
3L2	DB-A14-LL	G	E	1	25	ARM	5	60947-2	MCCB		100	25	N/A	0.19
3L3	DB-A14-LL													
4L1	DB-A15-01													
4L2	DB-A15-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
4L3	DB-A15-01													
5L1	DB-A15-02													
5L2	DB-A15-02	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
5L3	DB-A15-02													
6L1	DB-A16-01													
6L2	DB-A16-01	G	E	1	35	ARM	5	60947-2	MCCB		125	25	N/A	0.15
6L3	DB-A16-01													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>PB-A15</u>	Location of DB: <u>FLOOR 15 RISER A</u>
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<p>DETAILS OF THE CLIENT</p> <p>Name: <u>ISG</u> Postcode: <u>CF15 7AB</u></p> <p>Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u></p> <p>Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p>TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (<u>RISING BUSBAR FLOOR 15</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-3</u>) Rating: (<u>400</u>) A</p> <p>Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I_{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z_s (<u>0.06</u>)Ω Z_{pf} (<u>4.17</u>)kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37	
6L3	SPARE													
7L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	SPARE													
7L3	SPARE													
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	

DISTRIUTION BOARD (DB) DETAILS	DB designation: DB/A15/01		Location of DB: 15TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Postcode: CF15 7AB Address: UNIT 1, CAE GWYRDD, Tel No: N/A TONGWYNLAIS, CARDIFF, DETAILS OF THE INSTALLATION Occupier: ISG FUSION Postcode: SA15 5BA Address: MARINER STREET, SWANSEA, Tel No: N/A SWANSEA	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-A15) Nominal voltage: (400)V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A)mA Operating time: (N/A)ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.19)Ω Z _{pf} (1.23)kA			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>														
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)					
8L2	SPARE															
8L3	SPARE															
9L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19			
9L2	SPARE															
9L3	SPARE															
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37			

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A15/01</u>	Location of DB: <u>15TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PB-A15</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.19</u>)Ω Z _f (<u>1.23</u>)kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING COMMUNAL	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	36	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B	36	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/A15/02		Location of DB: 15TH FLOOR BLOCK A	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A	Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.19) Ω Z _{df} (1.21) kA			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	SPARE													
9L1	SPARE													
9L2	SPARE													
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/A15/02</u>	Location of DB: <u>15TH FLOOR BLOCK A</u>
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DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PB-A15</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.19</u>)Ω Z _{pf} (<u>1.21</u>)kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING LHS	A	B	24	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	72	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	10	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	SPARE													
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	SPARE													
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	SPARE													
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/A16/01 Location of DB: LEVEL 16

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.19)Ω Z_f (1.21)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING														
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A								
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO						B	20	10	30	2.19
8L3	SPARE																	
9L1	SPARE																	
9L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB						B	20	10	N/A	2.19
9L3	SPARE																	
10L1	SPARE																	
10L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO						B	20	10	30	2.19
10L3	SPARE																	
11L1	SPARE																	
11L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB						B	20	10	N/A	2.19
11L3	SPARE																	
12L1	SPARE																	
12L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO						B	20	10	30	2.19
12L3	SPARE																	
13L1	EXTERNAL SIGN	A	B	1	2.5	1.5	0.4	60898 MCB						B	10	10	N/A	4.37
13L2	STUDIO HOB RADIAL	A	B	1	4.0	2.5	0.4	60898 MCB						B	20	10	N/A	2.19
13L3	SPARE																	
14L1	SPARE																	
14L2	SPARE																	
14L3	SPARE																	
15L1	SPARE																	
15L2	SPARE																	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A16/01 Location of DB: LEVEL 16

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.19)Ω Z_{pf} (1.21)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/A16/01 Location of DB: LEVEL 16

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-A15) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.19) Ω Z_{df} (1.21) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1															
1L2	VRV UNIT 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB		50	25	N/A	0.38	
1L3															
2L1															
2L2	DB 00 LL0.3 EXTERNAL LIGHTING 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB		63	25	N/A	0.3	
2L3															
3L1															
3L2	MCC PANEL GROUND FLOOR PLANT ROOM	G	E	1	70.0	SWA	5	60947-2	MCCB		100	25	N/A	0.19	
3L3															
4L1															
4L2	DB 00 LL0.4 LAUNDRY GROUND FLOOR	G	E	1	50.0	SWA	5	60947-2	MCCB		160	25	N/A	0.12	
4L3															
5L1															
5L2	VRV UNIT 1ST FLOOR COURT YARD	G	E	1	16.0	SWA	5	60947-2	MCCB		40	25	N/A	0.46	
5L3															
6L1															
6L2	DB 00 LL0.2 RECEPTION	G	E	1	35.0	SWA	5	60947-2	MCCB		100	25	N/A	0.12	
6L3															
7L1															
7L2	DB01 LL1.1 1ST FLOOR SOCIAL SPACE	G	E	1	35.0	SWA	5	60947-2	MCCB		100	25	N/A	0.19	
7L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-LO-A00

Location of DB: GF RISER BLOCK B

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.2) Ω Z_{df} (1.14) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L1														
8L2	DB00 LLO.1 PLANT ROOM	G	E	1	35.0	SWA	5	60947-2	MCCB		125	25	N/A	0.15
8L3														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-L0-A00

Location of DB: GF RISER BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.2) Ω Z_{pf} (1.14) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	BIN/CYCLE STORE/LIFT LOBBY RING MAIN	A/E	B	10	2.5	2.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
1L2	PLANTROOM/L.V/L.S/GENERATOR ROOM RING MAIN	A/E	B	18	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
1L3	BIN STORE FANS	G	E	2	2.5	SWA	0.4	60898 MCB	B	20	10	N/A	2.19		
2L1	SPARE							60898 MCB	B	20	10	N/A			
2L2	SPARE							60898 MCB	B	6	10	N/A			
2L3	DB00-LL0.1-1 RETAIL CORRIDOR	G	E	1	10.0	10.0	5	60890 MCB	B	40	10	N/A			
3L1	SPARE							61009 RCD/RCBO	C	10	10	30			
3L2	SPARE							61009 RCD/RCBO	C	10	10	30			
3L3	SPARE							61009 RCD/RCBO	C	10	10	30			
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	SPARE				6.0			60898 MCB	B	20	10	N/A			
5L2	VRV UNIT 1ST FLOOR COURTYARD	G	E	1	6.0	SWA	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE								B	20	10	N/A			
6L1	GROUND FLOOR LIFT LOBBY LIGHTING	G	E	8	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19		
6L2	EXTERNAL LIGHTS RECEPTION AREA	G	E	7	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19		
6L3	SPARE														
7L1	TRACE HEATING BIN STORE	G	E	1	2.5	SWA	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	GENERATOR/L.V/L.S/BIN STORE LIGHTING	A/E	B	27	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19		
7L3	SPARE							61009 RCD/RCBO	C	10	10	30			
8L1	EXTERNAL LIGHTING	G	E	8	1.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	2.19		

DETAILS OF THE CLIENT	DB designation: DB00-LL0.1		Location of DB: GF PLANTROOM	
Name: ISG	Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF	Tel No: N/A			
DETAILS OF THE INSTALLATION	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Occupier: ISG FUSION	Postcode: SA15 5BA	Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)		
Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A	Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A		
		Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms		
		Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.14) Ω Z _{pf} (1.66) kA		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	PLANTROOM LIGHTING	A/E	B	16	1.5	1.5	0.4	61009 RCD/RCBO						30	2.19
8L3	BIKE STORE LIGHTING	A/E	B	18	1.5	1.5	0.4	61009 RCD/RCBO						30	2.19

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB00-LL0.1 Location of DB: GF PLANTROOM

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.66) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	RECEPTION DADO RING MAIN	A	E	7	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
1L2	DB00-LL0.2-1 COMMS DB	G	E	1	10.0	10.0	0.4	60898 MCB	B	40	10	N/A	1.09		
1L3	CLEANERS SOCKETS RING MAIN	A	E	14	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
2L1	OFFICE FLOOR BOX RING MAIN	A	E	2	2.5	1.5	0.4	61009 RCD RCBO	C	32	10	30	0.68		
2L2	LAUNDRY TV WALL RING MAIN	A	E	8	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
2L3	RECEPTION TEA POINT AREA RING MAIN	A	E	8	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
3L1	OFFICE TEA POINT/DOOR HOLD	A	E	5	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L2	ACC HAND DRYER	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L3	WELLBEING HAND DRYER	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L1	AV RACK	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	ACC ALARM SPUR	A	E	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	CINEMA AREA AV/BSB SPURS	A	E	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L1	RECEPTION/PIANO FLOOR BOXES RING MAIN	A	E	7	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
5L2	GYM FLOOR BOXES RING MAIN	A	E	8	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
5L3	CINEMA LOBBY FLOOR BOXES	A	E	2	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
6L1	RECEPTION AREA AC/BSB SPURS	A	E	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L2	GYM FLOOR BOXES RING MAIN	A	E	6	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
6L3	WELLBEING/CINEMA RING MAIN	A	E	15	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
7L1	SPARE														
7L2	GYM FLOOR BOX RING MAIN	A	E	4	4.0	2.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68		
7L3	RECEPTION OVERDOOR HEATER/AUTO DOOR	A	E	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	EXTERNAL SIGN	A	E	2	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		

DISTRICTION BOARD (DB) DETAILS	DB designation: DB00-LL0.2		Location of DB: GF PARCEL STORE	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	Postcode: CF15 7AB Tel No: N/A Postcode: SA15 5BA Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.12) Ω Z _{pf} (1.91) kA		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
8L2	LAUNDRY AREA AC/BSB SPURS	A	E	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L3	BAFFLES LIGHTING	A	E	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
9L1	OFFICE LIGHTING	A	E	15	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
9L2	LAUNDRY LIGHTING	A	E	4	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
9L3	RECEPTION LIGHTING	A	E	23	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
10L1	AUDITORIUM/ACC TOILET LIGHTING	A	E	17	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
10L2	LAUNDRY BACK CORRIDOR LIGHTING	A	E	6	1.5	1.0	0.4	60898 MCB	C	10	10	N/A	2.19	
10L3	CINEMA LIGHTING	A	E	18	1.5	1.0	0.4	60898 MCB	C	10	10	N/A	2.19	
11L1	SPARE													
11L2	GYM AC	A	E	5	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
11L3	SPARE													
12L1	SPARE													
12L2	GYM SOCKETS RING MAIN	A	E	4	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.68	
12L3	SPARE													
13L1	SPARE													
13L2	SPARE													
13L3	SPARE													
14L1	SPARE													
14L2	BASKETBALL COURT LIGHTING	A	E	8	1.5	1.0	0.4	61009 RCD/RCBO	C	10	10	30	2.19	
14L3	SPARE													
15L1	SPARE													
15L2	GYM LIGHTING	A	E	15	1.5	1.0	0.4	61009 RCD/RCBO	C	10	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB00-LL0.2</u>		Location of DB: <u>GF PARCEL STORE</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: <u>(PB-LO-A00)</u> Nominal voltage: <u>(400)</u> V No. of phases: <u>(3)</u> Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u> Rating: <u>(100)</u> A Associated RCD (if any) Type: <u>(BS EN N/A)</u> No. of poles: <u>(N/A)</u> I _{Δn} <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): True Z _s <u>(0.12)</u> Ω Z _{pf} <u>(1.91)</u> kA			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2													
16L3													

DISTRIBUTION BOARD (DB) DETAILS		DB designation: <u>DB00-LL0.2</u>		Location of DB: <u>GF PARCEL STORE</u>	
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DETAILS OF THE CLIENT	
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	
Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION	
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	
Tel No: <u>N/A</u>	

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Supply to DB is from: <u>(PB-LO-A00)</u>		Nominal voltage: <u>(400)</u> V	No. of phases: <u>(3)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u> Rating: <u>(100)</u> A			
Associated RCD (if any) Type: <u>(BS EN N/A)</u> No. of poles: <u>(N/A)</u> I _{Δn} <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms			
Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): <u>True</u> Z _s <u>(0.12)</u> Ω Z _{pf} <u>(1.91)</u> kA			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)					
1L1		G	E													
1L2	COMMANDO SOCKET	G	E	1	4.0	4.0	5	61009 RCD/RCBO	B	32	10	30	1.37			
1L3		G	E													
2L1	COMPOUND LIGHTING	G	E	2	1.5	1.5	5	61009 RCD/RCBO	B	10	10	30	4.37			
2L2	SPARE															
2L3	SPARE															
3L1	WATER PROOF SOCKETS	G	E	3	4.0	4.0	5	61009 RCD/RCBO	B	20	10	30	2.19			
3L2	BOLLARDS	G	E	9	1.5	1.5	5	61009 RCD/RCBO	B	10	10	30	4.37			
3L3	BOLLARDS	G	E	8	1.5	1.5	5	61009 RCD/RCBO	B	10	10	30	4.37			
4L1	FESTOON LIGHTING	G	E	1	1.5	1.5	5	61009 RCD/RCBO	B	10	10	30	4.37			
4L2	COLUMNS	G	E	2	1.5	1.5	5	61009 RCD/RCBO	B	10	10	30	4.37			
4L3	TIMECLOCK/PHOTOCELL	A	B	2	1.5	1.5	5	60898 MCB	B	6	10	N/A	7.28			
5L1	FESTOON LIGHTING	G	E	1	1.5	1.5	5	61009 RCD/RCBO	B	10	10	3020	10			
5L2	COMMANDO SOCKET	A	B	1	6.0	4.0	5	60898 MCB	B							
5L3	SPARE															
6L1	SPARE															
6L2	SPARE															
6L3	SPARE															
7L1	SPARE															
7L2	SPARE															
7L3	SPARE															
8L1	SPARE															

DISTRIBUTION BOARD (DB) DETAILS		DB designation: DB00-LL0.3		Location of DB: 1ST FLOOR COURTYARD	
DETAILS OF THE CLIENT					
Name: ISG		Postcode: CF15 7AB			
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,		Tel No: N/A			
DETAILS OF THE INSTALLATION					
Occupier: ISG FUSION		Postcode: SA15 5BA			
Address: MARINER STREET, SWANSEA, SWANSEA		Tel No: N/A			
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION					
Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)					
Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A					
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms					
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.24) Ω Z _{pf} (0.95) kA					

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
8L2	SPARE												
8L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB00-LL0.3 Location of DB: 1ST FLOOR COURTYARD

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-LO-A00) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.24) Ω Z_{pf} (0.95) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	LIGHTING	D	B	18	1.5	1.0	0.4	60898 MCB				N/A	7.28		
2	SOCKETS	D	B	10	2.5	1.5	0.4	61009 RCD/RCBO				30	2.19		
3	SECURITY SPUR	D	B	1	2.5	1.5	0.4	60898 MCB				N/A	2.19		
4	F.A PANEL	D	B	1	2.5	1.2	0.4	60898 MCB				N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB00 LL0.1-1

Location of DB: GF RETAIL CORRIDOR

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (DB00-LL0.1 PLANTROOM) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60898) Rating: (40) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.2) Ω Z_{pf} (1.15) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	COMMANDO SOCKET	A	B	1	4.0	2.5	0.4	60898 MCB	C	16	10	N/A	1.37		
2	COMMANDO SOCKET	A	B	1	4.0	2.5	0.4	60898 MCB	C	16	10	N/A	1.37		
3	H/L SPUR	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4	SOCKET	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	LIGHTING	A	B	4	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
6	SECURITY SPUR	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB00-LL0.2-1 Location of DB: GF COMMS ROOM

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (DB00-LL0.2 RECEPTION) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60898) Rating: (40) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (1.79) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	SPARE														
2L1	SPARE														
2L2	SPARE														
2L3	SPARE														
3L1	SPARE														
3L2	SPARE														
3L3	SPARE														
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	SPARE														
5L2	SPARE														
5L3	SPARE														
6L1	SPARE														
6L2	SPARE														
6L3	SPARE														
7L1	SPARE														
7L2	SPARE														
7L3	SPARE														
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/B01/LL</u> Location of DB: <u>1ST FLOOR BLOCK B</u>
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....) Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I _{Δn} (.....)mA Operating time: (.....)ms Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): True Z _s (.....)Ω Z _f (.....)kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD										
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
8L2	SPARE																					
8L3	SPARE																					
9L1	SPARE																					
9L2	SPARE																					
9L3	SPARE																					
10L1	SPARE																					
10L2	SPARE																					
10L3	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS		DB designation: <u>DB/B01/LL</u> Location of DB: <u>1ST FLOOR BLOCK B</u>											
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DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): True Z_s (.....)Ω Z_{pf} (.....)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LEFT	A	B	35	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	28	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL CIRCULATION	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL CIRCULATION	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS/DISABLED ALARM	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/01

Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.07) Ω Z_{pf} (3.12) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/02

Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.11)Ω Z_{pf} (2.1)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/03 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.61) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/04

Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.18) Ω Z_{df} (1.26) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/05 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.12) Ω Z_{df} (1.88) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/06 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.62) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/07 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.07) Ω Z_{pf} (3.37) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/08 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.11) Ω Z_{pf} (2.11) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/09 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.95) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B01/10 Location of DB: 1ST FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.07) Ω Z_{pf} (3.24) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	DB-B02-02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L1	DB-B02-03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L2	DB-B02-04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L3	DB-B02-05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L1	DB-B02-06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L2	DB-B02-07	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L3	DB-B02-08	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L1	DB-B02-09	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L2	DB-B02-10	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L3	DB-B02-11	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
5L1	DB-B02-01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
5L2	DB-B02-16	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
5L3	DB-B01-01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
6L1	DB-B03-LL				25						25	N/A	0.15		
6L2	DB-B03-LL	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
6L3	DB-B03-LL				25						25	N/A	0.15		
7L1	SPARE														
7L2	SPARE														
7L3	DB-B02-13	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.15		
8L1	DB-B02-12	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		

<p>DETAILS OF THE CLIENT</p> <p>Name: <u>ISG</u> Postcode: <u>CF15 7AB</u></p> <p>Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u></p> <p>Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p>TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: <u>(RISING BUSBAR FLOOR 2)</u> Nominal voltage: <u>(400)</u> V No. of phases: <u>(3)</u></p> <p>Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-3)</u> Rating: <u>(250)</u> A</p> <p>Associated RCD (if any) Type: <u>(BS EN N/A)</u> No. of poles: <u>(N/A)</u> I_{Δn} <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms</p> <p>Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): True Z_s <u>(0.05)</u> Ω Z_f <u>(5.71)</u> kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	DB-B02-14	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
8L3	DB-B02-15	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L1	DB-B01-02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L2	DB-B01-03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L3	DB-B01-04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L1	DB-B01-05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L2	DB-B01-06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L3	DB-B01-07	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L1	DB-B01-08	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L2	DB-B01-09	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L3	DB-B01-10	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-B02 Location of DB: FLOOR 2 RISER B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 2) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_{pf} (5.71) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit (D) Thermoplastic cables in metallic trunking (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
12	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
13	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
14	DOOR ACCESS/DISABLED ALARM	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/01 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02.....) Nominal voltage: (230.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (125.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.14.....)Ω Z_{pf} (3.00.....)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/02 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.76) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/03 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.07) Ω Z_{pf} (2.8) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/04

Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (2.77) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/05 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.11) Ω Z_{pf} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD				
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/06 Location of DB: 2ND FLOOR

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1.....)Ω Z_{pf} (1.98.....)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/07 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_{pf} (2.87) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/08 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/09 Location of DB: 2ND FLOOR

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (2.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/10 Location of DB: 2ND FLOOR

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.78) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/11

Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/12 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.12) Ω Z_{pf} (1.89) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/13

Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (2.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/14 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.11) Ω Z_{pf} (2.08) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/15 Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.77) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL 1ST ROOM LHS/RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B02/16

Location of DB: 2ND FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11)Ω Z_{df} (2.02)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD								
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
1L1	LIGHTING 3RD FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
1L2	LIGHTING GROUND TO SECOND FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37								
1L3	LIGHTING 1ST FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
2L1	LIGHTING 4TH FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
2L2	LIGHTING 3RD TO 5TH FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37								
2L3	LIGHTING 2ND FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
3L1	LIGHTING 5TH FLOOR COMMUNAL	A	B	32	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
3L2	LIGHTING 6TH TO 8TH FLOOR STAIRCASE	A	B	15	2.5	1.5	0.4	60898	MCB	B	10	10	N/A	4.37								
3L3	LIGHTING 7TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
4L1	LIGHTING 6TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
4L2	LIGHTING 8TH FLOOR COMMUNAL	A	B	12	2.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
4L3	LIGHTING 7TH FLOOR COMMUNAL	A	B	22	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
5L1	LIGHTING 6TH FLOOR COMMUNAL	A	B	12	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
5L2	LIGHTING 2ND FLOOR	A	B	12	1.5	1.0	0.4	60898	MCB	B	10	10	N/A	4.37								
5L3	SPARE																					
6L1	SPARE																					
6L2	SPARE																					
6L3	SPARE																					
7L1	DOOR ACCESS LEVELS 5 TO 8	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19								
7L2	PILLOW PAD LEVELS 1 TO 4	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19								
7L3	DOOR ACCESS LEVELS 1 TO 4	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19								
8L1	PILLOW PAD LEVELS 5 TO 8	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	10	N/A	2.19								

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/B03/LL Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{pf} (5.06) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)							
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)										
8L2	DOOR ACCESS LEVEL 6	A	B	3	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
8L3	DOOR ACCESS LEVEL 8	A	B	3	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
9L1	CLEANERS SOCKETS RING MAIN LEVELS 4 TO 5	A	B	14	2.5	1.5	0.4	61009 RCD/RCBO					B	32	10	N/A	1.37					
9L2	SPARE																					
9L3	CLEANERS SOCKETS RING MAIN LEVELS 1 TO 3	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	32	10	N/A	1.37					
10L1	CLEANERS SOCKETS RING MAIN LEVELS 6 TO 8	A	B	35	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	N/A	2.19					
10L2	SPARE																					
10L3	SPARE																					
11L1	DATA CAB LEVEL 3	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
11L2	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
11L3	INTRUDER ALARM	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
12L1	SPARE																					
12L2	FIRE ALARM PANEL LEVEL 8	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19					
12L3	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/LL Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{pf} (5.06) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/01 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16)Ω Z_{pf} (1.82)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD				
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/B03/02 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/03 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω Z_{pf} (1.79) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/04 Location of DB: THIRD FLOOR

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{df} (1.77) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/05 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.13) Ω Z_{pf} (1.8) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/B03/06 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/07 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.11) Ω Z_{pf} (2.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/08

Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.18) Ω Z_{pf} (1.68) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/09

Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 609+47-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{pf} (2.77) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/10 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.1) Ω Z_{pf} (2.05) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/11 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB0-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.15) Ω Z_{pf} (1.55) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/12 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/13 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (2.12) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/14 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/15 Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.76) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B03/16

Location of DB: 3RD FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	DB-B03-01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
2L1	DB-B03-02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L2	DB-B03-03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L3	DB-B03-04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L1	DB-B03-05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L2	DB-B03-06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L3	DB-B03-07	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L1	DB-B03-08	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L2	DB-B03-09	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L3	DB-B03-11	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
5L1	DB-B03-10	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
5L2	DB-B03-13	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
5L3	DB-B03-12	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L1	DB-B03-14	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L2	DB-B03-15	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L3	DB-B03-16	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
7L1	SPARE														
7L2	SPARE														
7L3	SPARE														
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: PB-B04 Location of DB: FLOOR 4 RISER B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 4) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_f (3.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	DB-B04-01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
9L1	DB-B04-02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L2	DB-B04-03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L3	DB-B04-04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L1	DB-B04-05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L2	DB-B04-06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
10L3	DB-B04-07	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L1	DB-B04-08	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L2	DB-B04-09	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
11L3	DB-B04-10	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
12L1	DB-B04-11	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
12L2	DB-B04-12	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
12L3	DB-B04-13	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
13L1	DB-B04-14	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
13L2	DB-B04-15	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
13L3	DB-B04-16	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-B04 Location of DB: FLOOR 4 RISER B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 4) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) $I_{Δn}$ (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_{df} (3.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	LIGHTING COMMUNAL KITCHEN	A	B	6	1.5	1.1	0.4	61009 RCD/RCBO	B	10	10	30	4.37		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/01 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.82) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/02 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.72) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/03 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.16) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/04 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.88) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/05 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.77) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/06 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/07 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.88) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/08

Location of DB: 4TH FLOOR BLOCK 4

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1)Ω Z_{pf} (2.79)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO						30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO						30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB						N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB						N/A	2.19
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/09 Location of DB: 4TH FLOOR BLOCK 4

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.78) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/10 Location of DB: 4TH FLOOR BLOCK 4

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{df} (1.57) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/11 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.83) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/12

Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.82) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/13 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/14

Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.91) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/15 Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.80) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL LHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
15	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
16	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B04/16

Location of DB: 4TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS

Circuits/equipment vulnerable to damage when testing: LIGHTING

CODES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37
4	APARTMENT RADIAL RHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/01 Location of DB: 5TH FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08) Ω Z_{pf} (2.53) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/02 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/03

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{df} (1.54) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/04 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.8) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/05 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.91) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/06

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.55) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/07

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.10) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/08

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.07) Ω Z_{pf} (2.73) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/09

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08) Ω Z_{pf} (2.57) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/10

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.6) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/11

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.10) Ω Z_{pf} (2.19) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/12 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{pf} (2.74) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/13 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/14 Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/15

Location of DB: 5TH FOUR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.07) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS/RHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS/LHS 2ND/3RD ROOM	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS/RHS 2ND/3RD ROOM	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS LAST 2 ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL LHS LAST 2 ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B05/16

Location of DB: 5TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.19) kA

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	DB-B05-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
1L2	DB-B05-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
1L3	DB-B05-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L1	DB-B05-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L2	DB-B05-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L3	DB-B05-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L1	DB-B05-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L2	DB-B05-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L3	DB-B05-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L1	DB-B05-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L2	DB-B05-12	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L3	DB-B05-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L1	DB-B05-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L2	DB-B05-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L3	DB-B06-01	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
6L1	DB-B05-01	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15		
6L2	DB-B05-16	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15		
6L3	DB-B06-20	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15		
7L1	DB-B06-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
7L2	DB-B06-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
7L3	DB-B06-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
8L1	DB-B06-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		

<p>DETAILS OF THE CLIENT</p> <p>Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A</p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A</p>	<p>TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (RISING BUSBAR FLOOR 6) Nominal voltage: (400) V No. of phases: (3)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A</p> <p>Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_{df} (4.34) kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD				
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
8L2	DB-B06-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
8L3	DB-B06-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
9L1	DB-B06-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
9L2	DB-B06-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
9L3	DB-B06-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
10L1	DB-B06-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
10L2	DB-B06-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
10L3	DB-B06-19	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
11L1	DB-B06-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
11L2	DB-B06-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
11L3	DB-B06-16	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24			
12L1	DB-B06-17	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24			
12L2	DB-B06-18	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24			
12L3	DB-B06-12	G	E	1	35	SWA	5	60947-2	A	80	25	N/A	0.24			

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-B06 Location of DB: FLOOR 6 RISER B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 6) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06)Ω Z_{pf} (4.34)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/01 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (QN/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.12) Ω Z_{pf} (1.91) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/02 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.57) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/03

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{df} (1.37) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/04 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.55) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1	ROOM LIGHTING	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28	
2	SMALL POWER	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3	INDUCTION HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
4	COMBI OVEN MICROWAVE	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5	SPARE													
6	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/05

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/06

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08) Ω Z_{df} (2.92) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/07

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.92) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/08

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.9) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/09 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.75) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/10

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08) Ω Z_{pf} (2.71) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/11

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.88) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/12 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.01) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/13

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.98) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/14

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.92) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/15

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.76) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/16

Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state		N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/17 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.76) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/18 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B06/19 Location of DB: 6TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING RHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING LHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS/LHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCES	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/B06/20</u>	Location of DB: <u>6TH FLOOR BLOCK B</u>
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DETAILS OF THE CLIENT	
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>
DETAILS OF THE INSTALLATION	
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Supply to DB is from: (<u>PB-B06</u>)	Nominal voltage: (<u>230</u>) V	No. of phases: (<u>1</u>)	
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>)	Rating: (<u>125</u>) A		
Associated RCD (if any) Type: (BS EN <u>N/A</u>)	No. of poles: (<u>N/A</u>)	I _{Δn} (<u>N/A</u>) mA	Operating time: (<u>N/A</u>) ms
Characteristics at this DB	Confirmation of supply polarity: (<u>Yes</u>)	Phase sequence confirmed (where appropriate): <u>False</u>	Z _s (<u>0.14</u>) Ω Z _{df} (<u>1.54</u>) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	DB-B07-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L1	DB-B07-01	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L2	DB-B07-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
2L3	DB-B07-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L1	DB-B07-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L2	DB-B07-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
3L3	DB-B07-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L1	DB-B07-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L2	DB-B07-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
4L3	DB-B07-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L1	DB-B07-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L2	DB-B07-12	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
5L3	DB-B07-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
6L1	DB-B07-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
6L2	DB-B07-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
6L3	DB-B07-17	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
7L1	DB-B07-16	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
7L2	DB-B07-18	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
7L3	DB-B07-20	G	E	1	35	SWA	5	60947-2	A	125	25	N/A	0.15		
8L1	SPARE														

<p>DETAILS OF THE CLIENT</p> <p>Name: <u>ISG</u> Postcode: <u>CF15 7AB</u></p> <p>Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u></p> <p>Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p>TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: <u>(RISING BUSBAR FLOOR 7</u>) Nominal voltage: <u>(400</u>)V No. of phases: <u>(3</u>)</p> <p>Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-3</u>) Rating: <u>(250</u>)A</p> <p>Associated RCD (if any) Type: <u>(BS EN N/A</u>) No. of poles: <u>(N/A</u>) I_{Δn} <u>(N/A</u>)mA Operating time: <u>(N/A</u>)ms</p> <p>Characteristics at this DB Confirmation of supply polarity: <u>(Yes</u>) Phase sequence confirmed (where appropriate): True Z_s <u>(0.09</u>)Ω Z_{pf} <u>(2.6</u>)kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	SPARE														
9L1	DB-B07-19	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
9L2	DB-B08-01	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
9L3	DB-B08-02	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
10L1	DB-B08-03	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
10L2	DB-B08-04	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
10L3	DB-B08-05	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
11L1	DB-B08-06	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
11L2	DB-B08-07	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
11L3	DB-B08-08	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
12L1	DB-B08-09	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
12L2	DB-B08-10	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
12L3	DB-B08-11	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
13L1	DB-B08-12	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
13L2	DB-B08-13	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
13L3	DB-B08-14	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
14L1	DB-B08-15	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
14L2	DB-B08-16	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		
14L3	DB-B08-17	G	E	1	16	SWA	5	60947-2	A	80	25	N/A	0.24		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-B07

Location of DB: FLOOR 7 RISER B

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (RISING BUSBAR FLOOR 7) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{df} (2.6) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/01 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.27) Ω Z_{df} (1.37) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/02

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.24) Ω Z_{df} (1.57) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/03

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{df} (1.2) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/04

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.24) Ω Z_{df} (1.18) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	12	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/05

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (.....) Ω Z_{pf} (.....) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/06 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{pf} (2.02) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/07

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.60) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/08 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16) Ω Z_{df} (1.61) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/09 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.48) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/10

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.86) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/11 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{df} (1.18) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/12 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{df} (1.19) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/13

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.18) Ω Z_{df} (1.22) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/14

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.2) Ω Z_{df} (1.18) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/15 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.05) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/16

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.86) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/17

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{df} (1.19) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/18 Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.85) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/19

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.87) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS/LHS 1ST ROOMS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SMOKE CURTAIN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B07/20

Location of DB: 7TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125)A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A)mA Operating time: (N/A)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1)Ω Z_{df} (2.38)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/01 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.82) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/02

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (1.92) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/03

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.81) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/04 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (1.85) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1	ROOM LIGHTING	A	B		1.5	1.0	0.4	61009 RCD/RCBO					30	7.28
2	SMALL POWER	A	B		2.5	1.5	0.4	61009 RCD/RCBO					30	2.19
3	INDUCTION HOB	A	B		6.0	4.0	0.4	60898 MCB					N/A	1.37
4	COMBI OVEN MICROWAVE	A	B		2.5	1.5	0.4	60898 MCB					N/A	2.19
5	SPARE													
6	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/05 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{df} (1.2) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/06

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (1.83) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/07

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (1.85) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/08 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/B08/09 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{df} (1.96) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/10

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.6) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/11

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.98) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/12 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.91) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/13 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.86) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/14

Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.83) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/15 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.61) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/16 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.86) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/B08/17 Location of DB: 8TH FLOOR BLOCK B

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-B07) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.85) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING COMMUNAL	A	B	20	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	SPARE													
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C01/01 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.04) Ω Z_{pf} (2.64) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5		61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														
13L1	SPARE														
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRICTION BOARD (DB) DETAILS	DB designation: <u>DB/C01/01</u> Location of DB: <u>1ST FLOOR BLOCK C</u>
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PB-C02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.04</u>)Ω Z _{pf} (<u>2.64</u>)kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C01/01 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.04) Ω Z_{pf} (2.64) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C01/02 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): False Z_s (0.14)Ω Z_{pf} (1.62)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C01/03 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14)Ω Z_{pf} (1.60)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C01/04 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.18)Ω Z_{df} (1.31)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	15	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C01/05

Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15)Ω Z_{pf} (1.52)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1L1	LIGHTING COMMUNAL	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING RHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6	4	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	COMMUNAL KITCHEN HOB A	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB B	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	MICRO OVEN AND HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	SOCKETS ROOM E	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	SOCKETS ROOM D	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	SPARE													
5L2	HOB ROOM C	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB D	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L1	STUDIO C RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	STUDIO F RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	STUDIO E HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	ACCESS CONTROL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO F HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	STUDIO G RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C01/06 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.03)Ω Z_{pf} (19.9)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
8L2	SPARE															
8L3	SPARE															
9L1	STUDIO G HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
9L2	SPARE															
9L3	SPARE															
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	SPARE															
13L2	SPARE															
13L3	SPARE															
14L1	SPARE															
14L2	SPARE															
14L3	SPARE															
15L1	SPARE															
15L2	SPARE															

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C01/06 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.03)Ω Z_{pf} (19.9)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C01/06 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (.....)V No. of phases: (.....)

Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (.....)A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.03)Ω Z_{pf} (19.9)kA

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	SPARE														
2L1	SPARE														
2L2	SPARE														
2L3	SPARE														
3L1															
3L2	DB/C01/01	G	E	1	25	ARM	5	60947-2		A	125	25	N/A	0.15	
3L3															
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	SPARE														
5L2	SPARE														
5L3	DB/C02/02	G	E	1	16	ARM	5	60947-2		A	80	25	N/A	0.24	
6L1	DB/C02/03	G	E	1	16	ARM	5	60947-2		A	80	25	N/A	0.24	
6L2	DB/C02/04	G	E	1	16	ARM	5	60947-2		A	80	25	N/A	0.24	
6L3	DB/C02/05	G	E	1	16	ARM	5	60947-2		A	80	25	N/A	0.24	
7L1	DB/C02/01														
7L2	DB/C02/01	G	E	1	25	ARM	5	60947-2		A	125	25	N/A	0.15	
7L3	DB/C02/01														
8L1	DB/C02/06														

DISTRICTION BOARD (DB) DETAILS	DB designation: PB-C02 Location of DB: FLOOR 2 BLOCK C RISER
DETAILS OF THE CLIENT Name: ISG Postcode: CF15 7AB Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A DETAILS OF THE INSTALLATION Occupier: ISG FUSION Postcode: SA15 5BA Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.08) Ω Z _{pf} (2.95) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	DB/C02/06	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	
8L3	DB/C02/06													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-C02 Location of DB: FLOOR 2 BLOCK C RISER

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.08) Ω Z_{df} (2.95) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing:									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO		B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	2.5	4.0	0.4	60898 MCB		B	20	10	N/A	2.19	
3L3	KITCHEN HOB RADIAL	A	B	1	6.0	1.5	0.4	60898 MCB		B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	N/A	2.19	
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L3	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C02/01</u>	Location of DB: <u>2ND FLOOR BLOCK C</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (<u>PB-C02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>1</u>)		
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A		
Associated RCD (if any) Type: (BS EN) No. of poles: () I _{Δn} () mA Operating time: () ms		
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (<u>0.10</u>)Ω Z _{pf} (<u>2.22</u>)kA		

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
8L3	SPARE															
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
9L3	SPARE															
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	SPARE															
13L2	SPARE															
13L3	SPARE															
14L1	SPARE															
14L2	SPARE															
14L3	SPARE															
15L1	SPARE															
15L2	SPARE															

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C02/01</u> Location of DB: <u>2ND FLOOR BLOCK C</u>
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PB-C02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>1</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I _{Δn} (.....) mA Operating time: (.....) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.10) Ω Z _{pf} (2.22) kA
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/01 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.10) Ω Z_{pf} (2.22) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/02 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.42) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/03 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.70) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD				
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/04 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (2.4) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/05 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{pf} (1.52) kA

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C02/06</u>	Location of DB: <u>2ND FLOOR BLOCK C</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (<u>PB-C02</u>)	Nominal voltage: (<u>400</u>) V	No. of phases: (<u>3</u>)
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>)	Rating: (<u>125</u>) A	
Associated RCD (if any) Type: (BS EN <u>N/A</u>)	No. of poles: (<u>N/A</u>)	I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms
Characteristics at this DB	Confirmation of supply polarity: (<u>Yes</u>)	Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.21</u>) Ω Z _{pf} (<u>1.09</u>) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)					
8L2	SPARE															
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
9L2	SPARE															
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	SPARE															
13L2	SPARE															
13L3	SPARE															
14L1	SPARE															
14L2	SPARE															
14L3	SPARE															
15L1	SPARE															
15L2	SPARE															

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C02/06</u>	Location of DB: <u>2ND FLOOR BLOCK C</u>
<p>DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u></p> <p>DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u></p>	<p style="text-align: center;">TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> Supply to DB is from: (<u>PB-C02</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.21</u>)Ω Z _f (<u>1.09</u>)kA	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C02/06 Location of DB: 2ND FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C02) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{pf} (1.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
1L1	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	60898 MCB	B	20	10	30	2.19	
5L1	SPARE													
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	SPARE													
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/01 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{pf} (1.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														
13L1	SPARE														
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/C03/01	Location of DB: 3RD FLOOR BLOCK C
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (1) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.21) Ω Z _{pf} (1.09) kA	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/01

Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{pf} (1.09) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/02 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.11) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/03 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.92) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/04 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.19) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/05 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.17) kA

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SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTYING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	SPARE														
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRICTION BOARD (DB) DETAILS	DB designation: <u>DB/C03/06</u> Location of DB: <u>3RD FLOOR BLOCK C</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (<u>PBN-C04</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.55</u>)kA	
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTYING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD	
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
8L3	SPARE													
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L3	SPARE													
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													
13L1	SPARE													
13L2	SPARE													
13L3	SPARE													
14L1	SPARE													
14L2	SPARE													
14L3	SPARE													
15L1	SPARE													
15L2	SPARE													

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C03/06</u>	Location of DB: <u>3RD FLOOR BLOCK C</u>
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>		
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>		
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: (<u>PBN-C04</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>)		
Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A		
Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms		
Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.55</u>)kA		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTYING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C03/06 Location of DB: 3RD FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PBN-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.09) Ω Z_{pf} (2.55) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING 6TH & 7TH FLOOR COMMUNAL	A	B	34	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L2	LIGHTING STAIRCASE GROUND TO 3	A	B	33	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
1L3	LIGHTING GROUND, 1ST & 2ND FLOORS	A	B	38	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L1	PUMP SUPPLY	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
2L2	LIGHTING STAIRCASE 4TH & 7TH FLOORS	A	B	20	2.5	1.5	0.4	60898 MCB	B	10	10	N/A	4.37		
2L3	LIGHTING 3RD 4TH AND 5TH FLOOR COMMUNAL	A	B	48	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
3L1	SPARE														
3L2	SPARE														
3L3	SPARE														
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	SPARE														
5L2	SPARE														
5L3	CLEANERS SOCKETS GROUND	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L1	AOV SPURS LEVEL 4 TO 7	A	B	6	2.5	1.5	0.4	60898 MCB	B	20	10		2.19		
6L2	AOV SPURS LEVEL 2 TO 3	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10		2.19		
6L3	CLEANERS SOCKETS LEVEL 4 TO 7	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10		2.19		
7L2	FIRE ALARM SPUR	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10		2.19		
7L3	SPARE														
8L1	SIGN SUPPLY TO CONTACTOR	A	B	2	2.5	1.5	0.4	60898	B	20	10		2.19		

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/C03/LL		Location of DB: 3RD FLOOR BLOCK C	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.12) Ω Z _{pf} (1.29) kA			
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A				

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	SPARE														
1L3	DB/C03/02	G	E	1	16	ARM	5	60497-2	A	80	25	N/A	0.24		
2L1	DB/C03/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L20.	DB/C03/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L3	DB/C03/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L1	DB/C03/LL														
3L2	DB/C03/LL	G	E	1	25	ARM	5	60947-2	A	100	25	N/A	0.19		
3L3	DB/C03/LL														
4L1	DB/C03/01														
4L2	DB/C03/01	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
4L3	DB/C03/01														
5L1	DB/C03/06														
5L2	DB/C03/06	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
5L3	DB/C03/06														
6L1	SPARE														
6L2	SPARE														
6L3	DB/C04/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L1	DB/C04/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L2	DB/C04/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L3	DB/C04/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
8L1	SPARE														

<p>DETAILS OF THE CLIENT</p> <p>Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A</p> <p>DETAILS OF THE INSTALLATION</p> <p>Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A</p>	<p>TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p>Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)</p> <p>Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A</p> <p>Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms</p> <p>Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.61) kA</p>
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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	SPARE													
9L1	DB/C04/01													
9L2	DB/C04/01	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	
9L3	DB/C04/01													
10L1	DB/C04/06													
10L2	DB/C04/06	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15	
10L3	DB/C04/06													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-C04 Location of DB: FLOOR 4 BLOCK C RISER

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.61) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1L1	LIGHTING RHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING COMMUNAL AREA	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L3	LIGHTING LHS	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
2L2	KITCHEN RING MAIN	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	
2L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
3L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
3L2	COMMUNAL KITCHEN HOB	A	B		6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37	
3L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
4L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
5L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
5L2	SPARE													
5L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
6L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
6L2	SPARE													
6L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
7L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L2	DOOR ACCESS	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
7L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
8L1	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C04/01 Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.29) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
8L2	SPARE													
8L3	STUDIO RADIAL CIRCUIT	A	B		2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	
9L1	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
9L2	SPARE													
9L3	STUDIO HOB RADIAL	A	B		2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19	
10L1	SPARE													
10L2	SPARE													
10L3	SPARE													
11L1	SPARE													
11L2	SPARE													
11L3	SPARE													
12L1	SPARE													
12L2	SPARE													
12L3	SPARE													
13L1	SPARE													
13L2	SPARE													
13L3	SPARE													
14L1	SPARE													
14L2	SPARE													
14L3	SPARE													
15L1	SPARE													
15L2	SPARE													

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C04/01 Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{df} (2.29) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD										
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
15L3	SPARE																					
16L1	SPARE																					
16L2	SPARE																					
16L3	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C04/01 Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{df} (2.29) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C04/02

Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.97) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C04/03 Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{df} (1.69) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C04/04 Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.93) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:														
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state								
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO						B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO						B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB						B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB						B	20	10	N/A	2.19
5	SPARE																	
6	SPARE																	

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C04/05

Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.2) Ω Z_{pf} (1.13) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
1L1	LIGHTING RHS	A	B	48	1.5	1.0		0.4	61009 RCD/RCBO	B	10	10	30	4.37	
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	SPARE														
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRICTION BOARD (DB) DETAILS	DB designation: DB/C04/06	Location of DB: 4TH FLOOR BLOCK C
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.1) Ω Z _{df} (2.39) kA	
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			N/A		
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	SPARE														
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														
13L1	SPARE														
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/C04/06	Location of DB: 4TH FLOOR BLOCK C
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.1) Ω Z _{df} (2.39) kA	
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C04/06

Location of DB: 4TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (2.39) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L2	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
1L3	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO		B	10	10	30	4.37	
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
2L3	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO		B	32	10	30	1.37	
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
3L3	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB		B	32	10	N/A	1.37	
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
4L3	COMMUNAL KITCHEN OVEN	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
5L3	SPARE														
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	
6L3	SPARE														
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
7L3	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB		B	20	10	N/A	2.19	
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO		B	20	10	30	2.19	

DISTRIUTION BOARD (DB) DETAILS	DB designation: DB/C05/01		Location of DB: 5TH FLOOR BLOCK C	
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA	Postcode: CF15 7AB Tel No: N/A Postcode: SA15 5BA Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.14) Ω Z _{pf} (1.9) kA		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
8L3	SPARE															
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
9L3	SPARE															
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	SPARE															
13L2	SPARE															
13L3	SPARE															
14L1	SPARE															
14L2	SPARE															
14L3	SPARE															
15L1	SPARE															
15L2	SPARE															

DISTRIBUTION BOARD (DB) DETAILS	DB designation: DB/C05/01	Location of DB: 5TH FLOOR BLOCK C
DETAILS OF THE CLIENT Name: ISG Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF. Postcode: CF15 7AB Tel No: N/A	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A) mA Operating time: (N/A) ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z _s (0.14) Ω Z _f (1.9) kA	
DETAILS OF THE INSTALLATION Occupier: ISG FUSION Address: MARINER STREET, SWANSEA, SWANSEA Postcode: SA15 5BA Tel No: N/A		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C05/01 Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.14) Ω Z_{pf} (1.9) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/CO5/02 Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16) Ω Z_{df} (1.43) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/CO5/03

Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16) Ω Z_{df} (1.40) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C05/04 Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16) Ω Z_{pf} (1.40) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C05/05

Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{pf} (1.37) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL AREA	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	N/A	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	SPARE														
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIUTION BOARD (DB) DETAILS	DB designation: <u>DB/C05/06</u>		Location of DB: <u>5TH FLOOR BLOCK C</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-C06</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I _{Δn} (.....) mA Operating time: (.....) ms Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): False Z _s (<u>0.12</u>)Ω Z _{pf} (<u>1.93</u>)kA			

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SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)					
8L2	SPARE															
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
9L2	SPARE															
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
10L1	SPARE															
10L2	SPARE															
10L3	SPARE															
11L1	SPARE															
11L2	SPARE															
11L3	SPARE															
12L1	SPARE															
12L2	SPARE															
12L3	SPARE															
13L1	SPARE															
13L2	SPARE															
13L3	SPARE															
14L1	SPARE															
14L2	SPARE															
14L3	SPARE															
15L1	SPARE															
15L2	SPARE															

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C05/06 Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): False Z_s (0.12)Ω Z_f (1.93)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD										
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
15L3	SPARE																					
16L1	SPARE																					
16L2	SPARE																					
16L3	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C05/06 Location of DB: 5TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): False Z_s (0.12)Ω I_{Δf} (1.93)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	SPARE														
1L2	DB/C06/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
1L3	DB/C06/06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L1	DB/C06/01	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L2	DB/C06/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L3	DB/C05/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L1	DB/C05/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L2	DB/C05/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L3	DB/C05/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L1															
4L2	DB/C06/06	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
4L3															
5L1															
5L2	DB/C05/01	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
5L3															
6L1	SPARE														
6L2	DB/C06/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L3	DB/C06/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L1	DB/C07/01	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L2	DB/C07/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L3	DB/C07/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
8L1	DB/C07/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		

DISTRIBUTION BOARD (DB) DETAILS	DB designation: PB-C06	Location of DB: FLOOR 6 BLOCK C RISER
DETAILS OF THE CLIENT Name: ISG Postcode: CF15 7AB Address: UNIT 1, CAE GWYRDD, Tel No: N/A TONGWYNLAIS, CARDIFF, DETAILS OF THE INSTALLATION Occupier: ISG FUSION Postcode: SA15 5BA Address: MARINER STREET, SWANSEA, Tel No: N/A SWANSEA	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400)V No. of phases: (3) Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (250)A Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I _{Δn} (N/A)mA Operating time: (N/A)ms Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (0.08)Ω Z _{df} (2.91)kA	

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
8L2	DB/C07/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
8L3	DB/C07/06	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
9L1															
9L2	DB/C06/07	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
9L3															
10L1															
10L2	DB/C07/07	G	E	1	25	ARM	5	60947-2	A	125	25	N/A	0.15		
10L3															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-C06 Location of DB: FLOOR 6 BLOCK C RISER

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (250) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08)Ω Z_{pf} (2.91)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/01 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.67) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:														
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state								
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD				
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)					
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO						B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO						B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB						B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB						B	20	10	N/A	2.19
5	SPARE																	
6	SPARE																	

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/02 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.17) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/03 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14) Ω Z_{pf} (1.61) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB					B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/04

Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.14)Ω Z_{pf} (1.60)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/05 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{pf} (1.53) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD				
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28	
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37	
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/06 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{df} (1.2) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1L1	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	COMMUNAL KITCHEN HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37		
3L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	SPARE														
5L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	SPARE														
6L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A			
7L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C06/07 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400)V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.07)Ω Z_{pf} (3.3)kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)						
8L2	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19	
9L1	SPARE																
9L2	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19	
10L1	SPARE																
10L2	SPARE																
10L3	SPARE																
11L1	SPARE																
11L2	SPARE																
11L3	SPARE																
12L1	SPARE																
12L2	SPARE																
12L3	SPARE																
13L1	SPARE																
13L2	SPARE																
13L3	SPARE																
14L1	SPARE																
14L2	SPARE																
14L3	SPARE																
15L1	SPARE																
15L2	SPARE																

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C06/07</u>	Location of DB: <u>6TH FLOOR BLOCK C</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: <u>(PB-C06)</u>	Nominal voltage: <u>(400)</u> V	No. of phases: <u>(3)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u> Rating: <u>(125)</u> A		
Associated RCD (if any) Type: <u>(BS EN)</u> No. of poles: <u>()</u> I _{Δn} <u>()</u> mA Operating time: <u>()</u> ms		
Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): <u>False</u> Z _s <u>(0.07)</u> Ω Z _f <u>(3.3)</u> kA		

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD										
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
15L3	SPARE																					
16L1	SPARE																					
16L2	SPARE																					
16L3	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/C06/07 Location of DB: 6TH FLOOR BLOCK C

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.07) Ω Z_{pf} (3.3) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/01

Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.26)Ω Z_{pf} (8.83)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/02 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB=C06.....) Nominal voltage: (230.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (80.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): False Z_s (0.12.....)Ω Z_{pf} (1.87.....)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/03 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16) Ω Z_{df} (1.47) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/04 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.18) Ω Z_{df} (1.31) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.37			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/05 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.79) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/06 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{df} (1.21) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING RHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L2	LIGHTING COMMUNAL	A	B	22	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
1L3	LIGHTING LHS	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
2L2	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
2L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
3L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3L2	COMMUNAL KITCHEN HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	32	10	N/A	1.37		
3L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4L2	COMMUNAL KITCHEN OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
4L3	STUDIO RADIAL CIRCUIT	A	B	12	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
5L2	SPARE														
5L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L2	SPARE														
6L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L2	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
8L1	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C07/07</u>	Location of DB: <u>7TH FLOOR BLOCK C</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: <u>(PB-C06)</u>	Nominal voltage: <u>(400)</u> V	No. of phases: <u>(3)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u>	Rating: <u>(125)</u> A	
Associated RCD (if any) Type: <u>(BS EN N/A)</u>	No. of poles: <u>(N/A)</u>	<u>I_{Δn}</u> <u>(N/A)</u> mA Operating time: <u>(N/A)</u> ms
Characteristics at this DB	Confirmation of supply polarity: <u>(Yes)</u>	Phase sequence confirmed (where appropriate): True Z _s <u>(0.25)</u> Ω Z _{pf} <u>(9.14)</u> kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
8L2	SPARE														
8L3	STUDIO RADIAL CIRCUIT	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9L1	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
9L2	SPARE														
9L3	STUDIO HOB RADIAL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
10L1	SPARE														
10L2	SPARE														
10L3	SPARE														
11L1	SPARE														
11L2	SPARE														
11L3	SPARE														
12L1	SPARE														
12L2	SPARE														
12L3	SPARE														
13L1	SPARE														
13L2	SPARE														
13L3	SPARE														
14L1	SPARE														
14L2	SPARE														
14L3	SPARE														
15L1	SPARE														
15L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/C07/07</u>		Location of DB: <u>7TH FLOOR BLOCK C</u>	
DETAILS OF THE CLIENT Name: <u>ISG</u> Postcode: <u>CF15 7AB</u> Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u> Tel No: <u>N/A</u>	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
DETAILS OF THE INSTALLATION Occupier: <u>ISG FUSION</u> Postcode: <u>SA15 5BA</u> Address: <u>MARINER STREET, SWANSEA, SWANSEA</u> Tel No: <u>N/A</u>	Supply to DB is from: (<u>PB-C06</u>) Nominal voltage: (<u>400</u>)V No. of phases: (<u>3</u>) Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): True Z _s (<u>0.25</u>)Ω Z _f (<u>9.14</u>)kA			

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SCHEDULE OF CIRCUIT DETAILS		Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/C07/07 Location of DB: 7TH FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-C06) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.25) Ω Z_{pf} (9.14) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	KITCHEN RING MAIN	A	B	19	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12	COMMUNAL OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	SPARE														
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/01 Location of DB: 1ST FLOOR BLOCK C

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11)Ω Z_{pf} (2.02)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/02 Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.1) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/03 Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.51) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/04 Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.25) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/05 Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{pf} (1.9) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/06 Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{pf} (1.95) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING RHS	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING LHS	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	16	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL CIRCUIT LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL CIRCUIT LHS	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL CIRCUIT RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
12	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D01/07

Location of DB: 1ST FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{pf} (1.18) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	DB/D01/01	G	E	1	35	Arm	5	60947-2	A	80	25	N/A	0.24		
1L2	DB/D01/02	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
1L3	DB/D01/03	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
2L1	DB/D01/04	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
2L2	DB/D01/05	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
2L3	DB/D01/07	G	E	1	35	Arm	5	60947-2	A	125	25	N/A	0.15		
3L1	DB/D01/06	G	E	1	16	Arm	5	60947-2	A	125	25	N/A	0.15		
3L2	DB/D02/01	G	E	1	35	Arm	5	60947-2	A	125	25	N/A	0.15		
3L3	DB/D02/02	G	E	1	16	Arm	5	60947-2	A	125	25	N/A	0.15		
4L1	DB/D02/03	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
4L2	DB/D02/04	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
4L3	DB/D02/06	G	E	1	35	Arm	5	60947-2	A	80	25	N/A	0.24		
5L1	DB/D02/05	G	E	1	16	Arm	5	60947-2	A	80	25	N/A	0.24		
5L2	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-D02 Location of DB: LEVEL 2 BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (200) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{pf} (1.36) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device						RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1	APARTMENT LIGHTING LEFT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	44	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	18	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	KITCHEN RING MAIN	A	B	18	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12	COMMUNAL KITCHEN OVEN	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	SPARE														
14	SPARE														
15	SPARE														
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/01

Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230)V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21)Ω Z_{pf} (1.07)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0		0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/02 Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.08) Ω Z_{pf} (3.0) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/03 Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{pf} (1.52) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
5	SPARE														
6	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/04 Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.07) Ω Z_{df} (3.26) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/05 Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.11) Ω Z_{pf} (2.02) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING RHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING LHS	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	KITCHEN RING MAIN	A	B	18	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	COMBI OVEN/MICRO WAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	COMBI OVEN/MICRO WAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SPARE														
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
17	SPARE														
18	SPARE														
19	SPARE														
20	SPARE														
21	SPARE														
22	SPARE														

DISTRIBUTION BOARD (DB) DETAILS		DB designation: <u>DB/D02/06</u>		Location of DB: <u>2ND FLOOR BLOCK D</u>	
DETAILS OF THE CLIENT			TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Name: <u>ISG</u>		Postcode: <u>CF15 7AB</u>		Supply to DB is from: (<u>PB-D02</u>) Nominal voltage: (<u>230</u>)V No. of phases: (<u>1</u>)	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>		Tel No: <u>N/A</u>		Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>80</u>)A	
DETAILS OF THE INSTALLATION			Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>)mA Operating time: (<u>N/A</u>)ms		
Occupier: <u>ISG FUSION</u>		Postcode: <u>SA15 5BA</u>		Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.42</u>)kA	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>		Tel No: <u>N/A</u>			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
23	SPARE														
24	SPARE														

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D02/06 Location of DB: 2ND FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D02) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.42) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0		0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	26	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	SPARE														
14	SPARE														
15	SPARE														
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
17	SPARE														
18	SPARE														
19	SPARE														
20	SPARE														
21	SPARE														
22	SPARE														

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB/D03/01 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT
 Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION
 Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.10) Ω Z_{df} (2.33) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
23	SPARE												
24	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/01 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.10) Ω Z_{df} (2.33) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/02

Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.84) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)				
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/03 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{pf} (1.73) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/04 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω Z_{df} (1.94) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0		0.4	61009 RCD/RCBO	B	6	10	30	7.28		
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/05 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.13) Ω Z_{df} (1.79) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0		0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37			
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37			
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
8	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
13	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
14	COMBI OVEN/MICROWAVE	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
15	SPARE															
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
17	SPARE															
18	SPARE															
19	SPARE															
20	SPARE															
21	SPARE															
22	SPARE															

DETAILS OF THE CLIENT		DB designation: DB/D03/06		Location of DB: 3RD FLOOR BLOCK D	
Name: ISG	Postcode: CF15 7AB				
Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF	Tel No: N/A				
DETAILS OF THE INSTALLATION		TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Occupier: ISG FUSION	Postcode: SA15 5BA	Supply to DB is from: (PB-D04)	Nominal voltage: (230) V	No. of phases: (1)	
Address: MARINER STREET, SWANSEA, SWANSEA	Tel No: N/A	Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2)	Rating: (125) A		
		Associated RCD (if any) Type: (BS EN)	No. of poles: ()	I _{Δn} () mA	Operating time: () ms
		Characteristics at this DB	Confirmation of supply polarity: (Yes)	Phase sequence confirmed (where appropriate): False	Z _s (0.1) Ω Z _{df} (2.23) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
23	SPARE													
24	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/06 Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.1) Ω Z_{df} (2.23) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS					Circuits/equipment vulnerable to damage when testing: LIGHTING										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)				
1L1	LIGHTING STAIRCASE GROUND TO 2ND FLOOR	A	B	17	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L2	LIGHTING 3RD AND 4TH CORRIDOR	A	B	30	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
1L3	LIGHTING 1ST AND 2ND CORRIDOR	A	B	39	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L1	LIGHTING STAIRCASE 3RD TO 5TH FLOOR	A	B	8	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L2	LIGHTING 5TH FLOOR CORRIDOR	A	B	17	1.5	1.0	0.4	60898 MCB	B	10	10	N/A	4.37		
2L3	SPARE														
3L1	SPARE														
3L2	SPARE														
3L3	SPARE														
4L1	SPARE														
4L2	SPARE														
4L3	SPARE														
5L1	RADIAL CIRCUIT 4TH & 5TH CLEANERS SOCKET	A	B	6	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5L2	SPARE														
5L3	RADIAL CIRCUIT GF TO 3RD CLEANERS SOCKETS	A	B	14	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6L1	FIRE ALARM PANEL	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L2	AOV SPURS 3RD TO 5TH FLOOR RISERS	A	B	5	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
6L3	AOV SPURS 1ST AND 2ND FLOOR RISERS	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
7L1	DATA CAB SPUR	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D03/LL

Location of DB: 3RD FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF
 Postcode: CF15 7AB
 Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION
 Address: MARINER STREET, SWANSEA, SWANSEA
 Postcode: SA15 5BA
 Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (100) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.66) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing: LIGHTING									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	N/A				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device					RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)				
1L1	DB/D03/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
1L2	DB/D03/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
1L3	DB/D03/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L1	DB/D03/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L2	DB/D03/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
2L3	DB/D03/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
3L1	DB/D04/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
3L2	DB/D04/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
3L3	DB/D04/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
4L1															
4L2	DB/D03/LL	G	E	1	35	ARM	5	60947-2	A	100	25	N/A	0.19		
4L3															
5L1	DB/D05/01	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
5L2	DB/D05/02	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
5L3	DB/D05/03	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L1	DB/D05/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L2	DB/D05/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
6L3	DB/D05/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		
7L1	DB/D04/04	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L2	DB/D04/05	G	E	1	16	ARM	5	60947-2	A	80	25	N/A	0.24		
7L3	DB/D04/06	G	E	1	35	ARM	5	60947-2	A	125	25	N/A	0.15		

DISTRIBUTION BOARD (DB) DETAILS

DB designation: PB-D04

Location of DB: LEVEL 4 BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (L.V PANEL GROUND FLOOR) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-3) Rating: (400) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.19) Ω Z_{pf} (1.24) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring				(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)		
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0		0.4	61009 RCD/RCBO	B	10	10	30	4.37	
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
13	SPARE														
14	SPARE														
15	SPARE														
16	SPARE														
17	SPARE														
18	SPARE														
19	SPARE														
20	SPARE														
21	SPARE														
22	SPARE														

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/D04/01</u>	Location of DB: <u>4TH FLOOR BLOCK D</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: <u>(PB-D04)</u>	Nominal voltage: <u>(230)</u> V	No. of phases: <u>(1)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u>	Rating: <u>(125)</u> A	
Associated RCD (if any) Type: <u>(BS EN)</u>	No. of poles: <u>()</u>	I _{Δn} <u>()</u> mA Operating time: <u>()</u> ms
Characteristics at this DB	Confirmation of supply polarity: <u>(Yes)</u>	Phase sequence confirmed (where appropriate): <u>False</u> Z _s <u>(0.18)</u> Ω Z _{pf} <u>(1.26)</u> kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
23	SPARE													
24	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/01 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF, Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, SWANSEA Tel No: N/A

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.18) Ω Z_{df} (1.26) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/02 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.17) Ω Z_{pf} (1.36) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/03 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (1)V No. of phases: (230)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.16)Ω Z_{df} (1.38) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO	B	6	10	30	7.28			
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19			
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19			
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37			
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/04 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.15) Ω Z_{df} (1.57) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:													
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)			Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO					B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO					B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB					B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB					B	32	10	N/A	1.37
5	SPARE																
6	SPARE																

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/05 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 6047-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.63) kA

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS						Circuits/equipment vulnerable to damage when testing:											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state							
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD			
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37				
2	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37				
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37				
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37				
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37				
13	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19				
14	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19				
15	SPARE																
16	SPARE																
17	SPARE																
18	SPARE																
19	SPARE																
20	SPARE																
21	SPARE																
22	SPARE																

DISTRIBUTION BOARD (DB) DETAILS		DB designation: <u>DB/D04/06</u>		Location of DB: <u>4TH FLOOR BLOCK D</u>	
DETAILS OF THE CLIENT			TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Name: <u>ISG</u>		Postcode: <u>CF15 7AB</u>		Supply to DB is from: (<u>PB-D04</u>) Nominal voltage: (<u>230</u>)V No. of phases: (<u>1</u>)	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>		Tel No: <u>N/A</u>		Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A	
DETAILS OF THE INSTALLATION			Associated RCD (if any) Type: (BS EN) No. of poles: () I _{Δn} () mA Operating time: () ms		
Occupier: <u>ISG FUSION</u>		Postcode: <u>SA15 5BA</u>		Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z _s (<u>0.09</u>)Ω Z _{pf} (<u>2.7</u>)kA	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>		Tel No: <u>N/A</u>			

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
23	SPARE													
24	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D04/06 Location of DB: 4TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{pf} (2.7) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:																		
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state												
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device					RCD								
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)									
1	APARTMENT LIGHTING LEFT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37									
2	APARTMENT LIGHTING RIGHT	A	B	48	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37									
3	LIGHTING COMMUNAL AREAS	A	B	17	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37									
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19									
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19									
6	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19									
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19									
8	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19									
9	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37									
10	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37									
11	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19									
12	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19									
13	SPARE																					
14	SPARE																					
15	SPARE																					
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19									
17	SPARE																					
18	SPARE																					
19	SPARE																					
20	SPARE																					
21	SPARE																					
22	SPARE																					

DISTRIBUTION BOARD (DB) DETAILS	DB designation: <u>DB/D05/01</u>	Location of DB: <u>5TH FLOOR BLOCK D</u>
DETAILS OF THE CLIENT		
Name: <u>ISG</u>	Postcode: <u>CF15 7AB</u>	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>	Tel No: <u>N/A</u>	
DETAILS OF THE INSTALLATION		
Occupier: <u>ISG FUSION</u>	Postcode: <u>SA15 5BA</u>	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>	Tel No: <u>N/A</u>	
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Supply to DB is from: <u>(PB-D04)</u>	Nominal voltage: <u>(230)</u> V	No. of phases: <u>(1)</u>
Overcurrent protection device for the distribution circuit Type: <u>(BS EN 60947-2)</u> Rating: <u>(125)</u> A		
Associated RCD (if any) Type: <u>(BS EN)</u> No. of poles: <u>()</u> I _{Δn} <u>()</u> mA Operating time: <u>()</u> ms		
Characteristics at this DB Confirmation of supply polarity: <u>(Yes)</u> Phase sequence confirmed (where appropriate): <u>False</u> Z _s <u>(0.09)</u> Ω Z _{df} <u>(2.57)</u> kA		

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:										
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state				
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			
23	SPARE													
24	SPARE													

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/01 Location of DB: 5TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.09) Ω Z_{df} (2.57) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/02 Location of DB: 5TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.2) Ω Z_{df} (1.16) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/03 Location of DB: 5TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04.....) Nominal voltage: (230.....)V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2.....) Rating: (80.....)A

Associated RCD (if any) Type: (BS EN.....) No. of poles: (.....) I_{Δn} (.....)mA Operating time: (.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): False Z_s (0.2.....)Ω Z_{df} (1.18.....)kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/04 Location of DB: 5TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.22) Ω Z_{df} (1.03) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing:												
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state						
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD			
					Live (mm ²)	cpc (mm ²)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)			
1	ROOM LIGHTING	A	B	13	1.5	1.0	0.4	61009 RCD/RCBO				B	6	10	30	7.28
2	SMALL POWER	A	B	15	2.5	1.5	0.4	61009 RCD/RCBO				B	20	10	30	2.19
4	COMBI OVEN MICROWAVE	A	B	1	2.5	1.5	0.4	60898 MCB				B	20	10	N/A	2.19
3	INDUCTION HOB	A	B	1	6.0	4.0	0.4	60898 MCB				B	32	10	N/A	1.37
5	SPARE															
6	SPARE															

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/05 Location of DB: 5TH FLOOR BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (80) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.21) Ω Z_{df} (1.08) kA

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SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: LIGHTING											
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state N/A					
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Max. disconnection time (BS 7671) (s)	Protective device				RCD		
					Live (mm ²)	cpc (mm ²)			BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	
1	APARTMENT LIGHTING LEFT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
2	APARTMENT LIGHTING RIGHT	A	B	66	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
3	LIGHTING COMMUNAL AREAS	A	B	23	1.5	1.0	0.4	61009 RCD/RCBO	B	10	10	30	4.37		
4	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
5	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
6	APARTMENT RADIAL RHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
7	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
8	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
9	APARTMENT RADIAL LHS	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
10	KITCHEN RING MAIN	A	B	17	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19		
11	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
12	INDUCTION HOB	A	B	1	4.0	2.5	0.4	60898 MCB	B	32	10	N/A	1.37		
13	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
14	COMBI OVEN/HOOD	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
15	SPARE														
16	DOOR ACCESS	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	10	N/A	2.19		
17	SPARE														
18	SPARE														
19	SPARE														
20	SPARE														
21	SPARE														
22	SPARE														

DISTRIBUTION BOARD (DB) DETAILS		DB designation: <u>DB/D05/06</u>		Location of DB: <u>FLOOR 5 BLOCK D</u>	
DETAILS OF THE CLIENT			TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Name: <u>ISG</u>		Postcode: <u>CF15 7AB</u>		Supply to DB is from: (<u>PB-D04</u>) Nominal voltage: (<u>230</u>)V No. of phases: (<u>1</u>)	
Address: <u>UNIT 1, CAE GWYRDD, TONGWYNLAIS, CARDIFF,</u>		Tel No: <u>N/A</u>		Overcurrent protection device for the distribution circuit Type: (BS EN <u>60947-2</u>) Rating: (<u>125</u>) A	
DETAILS OF THE INSTALLATION			Associated RCD (if any) Type: (BS EN <u>N/A</u>) No. of poles: (<u>N/A</u>) I _{Δn} (<u>N/A</u>) mA Operating time: (<u>N/A</u>) ms		
Occupier: <u>ISG FUSION</u>		Postcode: <u>SA15 5BA</u>		Characteristics at this DB Confirmation of supply polarity: (<u>Yes</u>) Phase sequence confirmed (where appropriate): <u>False</u> Z _s (<u>0.12</u>)Ω Z _{pf} (<u>1.97</u>)kA	
Address: <u>MARINER STREET, SWANSEA, SWANSEA</u>		Tel No: <u>N/A</u>			

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS				Circuits/equipment vulnerable to damage when testing: <u>LIGHTING</u>									
CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state <u>N/A</u>			
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)		
23	SPARE												
24	SPARE												

DISTRIBUTION BOARD (DB) DETAILS

DB designation: DB/D05/06 Location of DB: FLOOR 5 BLOCK D

DETAILS OF THE CLIENT

Name: ISG Postcode: CF15 7AB
 Address: UNIT 1, CAE GWYRDD, Tel No: N/A
TONGWYNLAIS, CARDIFF,

DETAILS OF THE INSTALLATION

Occupier: ISG FUSION Postcode: SA15 5BA
 Address: MARINER STREET, SWANSEA, Tel No: N/A
SWANSEA

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (PB-D04) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN 60947-2) Rating: (125) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): False Z_s (0.12) Ω I_{Δf} (1.97) kA