Electrical Certificate Installation/Modification *Test Schedule*

for Domestic and Similar Premises with up to 100A Supply

Requirements for Electrical Installations – BS 7671:2008 incorporating Amendment No.3 2015

[IET Wiring Regulations 17th Edition]

NA/ 270930000010 1

Client Mr Sheraz Iqdal | Installation address 31 Barff Road, SALFORD, | Postcode M5 5ES

Complete in every case

Location of distribution board: Near the front d

Distribution board designation: DB1

Number of ways: 10

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:

Overcurrent protective device for the distribution circuit: No. of phases: 1 Nominal Voltage: V

Type BS(EN): Rating: A

Supply polarity confirmed: Phase sequence confirmed:

Characteristics at this distribution board

Z_{db}: Ω Operating times of At $I_{\Delta n}$: ms

I_{pf}: kA associated RCD(if any) at 5 $I_{\Delta n}$: ms

Associated RCD (if any): BS (EN):

RCD No of Poles: $I_{\Delta n}$: mA

Test instrument serial number(s)

Earth fault loop imped.	16090480
Insulation resistance	16090480
Continuity	16090480
RCD	16090480

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and line No.	Circuit designation	Type of wiring	Ref. method	No. of points served	Circuit conductors csa: Live (mm²)	Circuit conductors csa: CPC (mm²)	Maximum disconnection time (BS 7671) (S)	Overcurrent protective devices: BS EN Number	Type No.	Rating (A)	Breaking capacity (kA)	RCD operating current $I_{\Delta n}$ (mA)	BS7671 Max. permitted value Z_s Other 80% Ω	Circuit impedence Ω: Ring final circuits only (measured end to end) r_1	r_n	r_2	Figure 8 check (✓)	All circuits to be completed using R1 R2, or R2, not both: R_1+R_2	R_2	Insulation resistance (Record lower reading): Live / Live (MΩ)	Live / Earth (MΩ)	Polarity (✓)	Maximum measured Z_s (Ω)	RCD testing: at $I_{\Delta n}$ ms	at 5 $I_{\Delta n}$ ms	Test Button operation (✓)
1	Spare													NA	NA	NA	NA									NA
2	Upstairs sockets	1	C	4	2.5	1.5	0.4	60898	B	32	6	30	1.10	0.30	0.31	0.49	✓	0.22	NA	169	184	✓	0.69	25	20	✓
3	Spare													NA	NA	NA	NA									NA
4	downstairs lights	1	C	5	1.5	1	0.4	60898	B	6	6	30	5.82	NA	NA	NA	NA	1.20	NA	79.6	124.8	✓	1.39	25	20	✓
5	Smokes	1	C	9	1.5	1	0.4	60898	B	6	6	30	5.82	NA	NA	NA	NA	1.48	NA	156.4	139	✓	1.66	25	20	✓
6	Shower	1	C	1	6	2.5	0.4	60898	B	32	6	30	1.10	NA	NA	NA	NA	0.17	NA	594	679	✓	0.35	44	16	✓
7	downstairs sockets	1	C	13	2.5	1.5	0.4	60898	B	32	6	30	1.10	0.47	0.49	0.55	✓	0.27	NA	87.9	68.3	✓	0.74	44	16	✓
8	Upstairs lights	1	C	5	1.5	1	0.4	60898	B	6	6	30	5.82	NA	NA	NA	NA	0.78	NA	94.2	89.1	✓	0.96	44	16	✓
9	water heater	1	C	1	2.5	1.5	0.4	60898	B	16	6	30	2.18	NA	NA	NA	NA	0.23	NA	130	127.8	✓	0.40	44	16	✓
10	Spare													NA	NA	NA	NA									NA

Details of circuits and/or installed equipment vulnerable to damage when testing

Wiring Types 1= PVC/PVC 2= Single Insulated in Conduit or Trunking 3= Mineral Insulated 4= SWA/XPLE 5= FP200

Tested by: Name (capital letters) C.HAYWARD Signature C.Hayward

Position Qualified supervisor Date 12/07/2016