Requelec

Client Details:

SCHEDULE OF TEST RESULTS

MAIN BONDING (MCB)

Main Earth / Bond CSA	16	10	mm_2
Water	<0.05		Ω
Gas	<0.05		Ω

SUPPLY

Type of Supply	TN-C-S/S/TT	Polarity	Y
Z_e at DB Ω	.35.8	Phase Seq	1
Measured Z_s Ω	0.11	Breaker Amps	100
PEFC 1.21	PSC 1.26	PFC 1.26	(kA)

CONSUMER UNIT

Current Rating A:	100
Fuse Type BS/EN:	60947-3
Poles:	2
Voltage / Hertz:	230/50

Location of Consumer Unit:

Circuits/Equipment Vulnerable to Test:

INSTALLED CIRCUTE DETAILS				Circuit Conductor CSA		Overcurrent Protective Device				RCD		TEST RESULTS												
												Circuit Impendence (Ω)				Insulation Resistance				RCD Operating Times				
												Ring Circuits Only			All Circuits									
Circuit No	Circuit Description	No of Points	Reference Method	CSA Live	CSA CPC	BS EN Number	Type	Rating	Short Circuit Capacity	Operating Curent IΔn	Maz Z_s Permitted (7671)	r1 Phase	rn Neutral	r2 CPC	R1+R2	Live / Live	Live / Earth	Circuit Polarity	Max Measured Z_s	RCD time IΔn	RCD time 5Δn	Functional	Compliance
				mm^2	mm^2			A	kA	mA	Ω	Ω	Ω	Ω	Ω	MΩ	MΩ	Y/N	Ω	ms	ms	Y/N	
1	U/S Lights	8	100			60898	B	5	6	30	10.45					>200	>200	Y				Y	Compliant
2	Cooker	6	102			60898	B	16	6	30	2.32					>200	>200	Y				Y	
3	Ring 1	6	102			60898	B	20	6	30	1.85					>200	>200	Y				Y	
4	Ring 2	1	102			60898	B	32	6	30	1.16					>200	>200	Y				Y	
5	D/S Lights					60898	B	40	6	30	0.92					>200	>200	Y				Y	
6	Garage Sockets		C			60898	B	6	6	30	6.18					>200	>200	Y				Y	
7	Shower					60898	B		6	30	0.00					>200	>200	Y				Y	
8	Ext Lights / Alarm					60898	B		6	30	0.00					>200	>200	Y				Y	
9	Unknown					60898	B		6	30	0.00					>200	>200	Y				Y	
10	Immersion					60898	B		6	30	0.00					>200	>200	Y				Y	
																			BS1362 3A 16.4 Ω 8 kA				
																			BS1361 5A 10.45 Ω 8 kA				
						608968	B	16			2.32	Ω			608968	20	1.85	Ω	BS1362 6A 16.4 Ω 8 kA				
						608968	B	6			6.18	Ω			608968	32	1.16	Ω	BS1362 13A 2.42 Ω 8 kA				

TEST INSTRUMENT USED - METREL MI 3100 Eurotest S/N 12100703

TESTER - Mark Broerse