



Three Phase Electrical Test Results Sheet
RECORD ACTUAL TEST RESULTS FOR ALL MEASURABLE RESULTS
PHASE ROTATION = CLOCKWISE OR ANTICLOCKWISE

Maco Electronics Pty Ltd
ABN 18 167 609 005
QLD Lic # 79105
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Project Name	OPUS	Tested by	L. McMAHON	Project No	J20160	Equipment Type	Plant or serial Number	Calibration due date
Client / Organization	MPG	Signature		Licence No	150359	Insulation	MA100	8.7.21
Address	14 CHELSEA AVE BROADBEACH					Continuity	N	N
Location (building/ Floor etc)	LEVEL 7	Board identifier (DB-1/MSB etc)	MP-7	DWG Number		Fault Loop	N	N
						RCD	N	N

CIRCUIT BREAKER NO.	DRAWING CIRCUIT NO.	NO. OF POINTS	CIRCUIT BREAKER SIZE	NEUTRAL LINK NO.	EARTH NO.	CABLE SIZE	EQUIPMENT	EARTH CONTINUITY <0.5Ω	APPLIED VOLTAGE	INSULATION RESISTANCE										POLARITY CONFIRMED R	INTERCONNECTION	ELI	ROTATION CONFIRMED	VISUAL CHECK R	mA	INJECT CURRENT %	Op ms	180° ms	TEST DATE
										R-B >1MΩ	R-W >1MΩ	R-W >1MΩ	R-E >1MΩ	B-E >1MΩ	W-E >1MΩ	R-A >1MΩ	B-N >1MΩ	W-N >1MΩ	N-E >1MΩ										
M		1	250	M	M	35	MAINS	<0.5	1000V	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	✓	✓	N/A	✓	✓	N/A	100% (SI x 1.0)	N/A	N/A	3.3.21
1		1	63	1	1	16	UNIT 18	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
2		1	63	2	2	16	UNIT 19	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
3		1	63	3	3	16	UNIT 20	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
4		1	63	4	4	16	UNIT 21	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
5		1	63	5	5	16	UNIT 22	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
6		1	63	6	6	16	UNIT 23	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
7		1	63	7	7	16	UNIT 24	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21
8		1	63	8	8	16	UNIT 25	<0.5	500				∞	∞	∞	∞			∞	✓	✓	N/A	✓	✓	N/A	100% (EI x 1.0)	N/A	N/A	3.3.21

I certify by signing above that the electrical installation to the extent it is affected by the electrical work, has been tested to ensure that it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying under the electrical safety regulation 2002.



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Project Name	OPUS	Tested by	L. McMAHON	Project No	J20160	Equipment Type	Plant or serial Number	Calibration due date
Client / Organization	MPG	Signature		Licence No	15035A	Insulation	MA100	8.7.21
Address	CHELSEA AVE BROADBEACH					Continuity	N	N
Location (building/ floor etc)	LEVEL 7	Board identifier (DB-1/MSB etc)	MP-7	DWG Number		Fault Loop	N	N
						RCD	N	N

TEST DATE	RCD OPERATION										VISUAL CHECK ☐	ROTATION CONFIRMED	EU	INTERCONNECTION	POLARITY CONFIRMED ☐	INSULATION RESISTANCE								APPLIED VOLTAGE	EARTH CONTINUITY <0.5Ω	EQUIPMENT	CABLE SIZE	EARTH NO.	NEUTRAL LINK no.	CIRCUIT BREAKER SIZE	NO. OF POINTS	DRAWING CIRCUIT NO.	CIRCUIT BREAKER NO.
	mA	INJECT CURRENT %	0° ms	180° ms																													
			TEST TRIP TIME	TEST TRIP TIME																													
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 26	16	9	9	63	1		9			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 27	16	10	10	63	1		10			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 28	16	11	11	63	1		11			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 29	16	12	12	63	1		12			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 30	16	13	13	63	1		13			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 31	16	14	14	63	1		14			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 32	16	15	15	63	1		15			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 33	16	16	16	63	1		16			
3.3	21	N/A	N/A	N/A	100% (EL x 1.0)	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	∞	∞	∞	∞	∞	500	<0.5	UNIT 34	16	17	17	63	1		17			

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Location (building/ floor etc)	LEVEL 7.	Board identifier (DB-1/MSB etc)	MP-7	DWG Number		Fault Loop	✓	✓
						RCD	✓	✓

CIRCUIT BREAKER NO.	DRAWING CIRCUIT NO.	NO. OF POINTS	CIRCUIT BREAKER SIZE	NEUTRAL LINK no.	EARTH NO.	CABLE SIZE	EQUIPMENT	EARTH CONTINUITY <0.5Ω	APPLIED VOLTAGE	INSULATION RESISTANCE										POLARITY CONFIRMED Ⓜ	INTERCONNECTION	ELU	ROTATION CONFIRMED	VISUAL CHECK Ⓜ	RCD OPERATION				TEST DATE
										mA	INJECT CURRENT %	0° ms	180° ms																
												TEST TRIP TIME	TEST TRIP TIME																
18		1	63	18	18	16	UNIT 35	<0.5	500					thru		thru	thru	✓	✓	N/A	✓	✓	N/A	100% (EL x 1.0)	N/A	N/A	3.3.21		
19		1	63	19	19	16	UNIT 36	<0.5	500				thru		thru		thru	✓	✓	N/A	✓	✓	N/A	100% (EL x 1.0)	N/A	N/A	3.3.21		
20		1	63	20	20	16	UNIT 37	<0.5	500						thru		thru	thru	✓	✓	N/A	✓	✓	N/A	100% (EL x 1.0)	N/A	N/A	3.3.21	
																								100% (EL x 1.0)					
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