



RECORD OF INSPECTION (ROI) OF HIGH - RISK PRESCRIBED ELECTRICAL WORK PURSUANT TO THE ELECTRICITY (SAFETY) REGULATIONS 2010

Reference/Record ID Number: 3228252

Issuer (Inspector) details:

Name of Inspector: Shahn Taylor

Registration #: 1282139

Email address: Shahn.taylor1992@gmail.com

Telephone: 027 819 2247

Location of installation:

Location details: 68 Chelwood Street, Takaro, Palmerston North

Location type: ☒ Domestic ☐ Non-Domestic Accommodation ☐ Industrial ☐ Commercial
☐ Educational ☐ Healthcare ☐ Miscellaneous (other)

Certifying Electrical Work and Certificate of Compliance (CoC) details:

Name of Electrical worker(s): Mark Amundsen

Registration #: E20143

Pardeep Kumar

TLC 139986

CoC details: 23072020 R510752

☒ CoC(s) attached

Certifying Electrical Work and ROI details:

What was inspected:

Main earth
Main switch
Main Earth & Neutral bars

Specify the regulation(s) and companion standard(s), or identify the certified design, followed when carrying out the inspection:

AS/NZS 3000 Part 2
ESR 2010

What are the results of the inspection:

Pass

High Risk Category:

- ☐ Not to AS/NZS 3000 Part 2 – 6A(2)(a)(i) ☐ Photovoltaic system – 6A(2)(a)(iv) ☐ Electrical medical area – 6A(2)(a)(vi)
☐ High voltage installation – 6A(2)(a)(ii) ☐ Hazardous area – 6A(2)(a)(v) ☒ Mains work – 6A(2)(b)
☐ Mains parallel generation – 6A(2)(a)(iii) ☐ Animal stunning or meat conditioning – 6A(2)(c)
☐ Other – please describe: N/A

Declaration

I hereby confirm that the work described above has been done in accordance with the regulations; and the installation on which the work has been done is, and will be, when enlivened, electrically safe.

Signature:

Date:

31/07/2020

Certificate Of Compliance

Wells

Doc No. : QF_E_70
Issue No. : 3
CCP No. : 879
Date : 17-10-2016

Customer : Joannass Turol ICP: 0000002066CP-74A COC #: 23072020R510752

Retailer : N/A

Installation Address : 68 Chelwood street, Takaro

Palmerston North

Client: (if different from above)



Work Description	Project / Job No Ref	High Risk	General	Low Risk
1 Rewire house	R510752	☒	☐	☐
2 changed switchboard use 5-16A breaker		☐	☐	☐
3 changed 12 Lights 1-32A breaker		☐	☐	☐
4 changed 14 Powerpoints 1-63A breaker		☐	☐	☐
5 Run New Main Earth 2-40A RCD		☐	☐	☐

	Used	Attached	On File At Wells	Compliant with
Manufacturer's Instructions	☒	☐	☐	AS/NZS 3000 Part 2 ☒ Part 1 ☐
Supplier Declarations Of Conformity	☐	☐	☐	Other N/A
Certified Design(s)	☐	☐	☐	
Other References	☐	☐	☐	

The parts of this installation listed above are safe to connect to 230/400v MEN ☒
Other System

Tests & Record of Inspection	Electrical Worker	Inspector
Visual Inspection	☒	☒
Polarity (independent earth if possible)	☒	☒
Insulation Resistance	550 M Ω	460 M Ω
Earth Continuity	0.2 Ω	0.2 Ω
Bonding & Earthing	0.4 Ω	0.2 Ω
Earth Loop Impedance	1.38 Ω	0.4 Ω
Residual Current Device Operation	☒	☒
Other (specify) N/A		N/A
Number of attachments : 1		

Certificate of Compliance: I declare that the prescribed electrical work covered by this Certificate of Compliance has been performed and tested in accordance with the Electricity (Safety) Regulations, and that the information provided in this certificate is, to the best of my knowledge, true and correct

Certifier: Mark Amundsen

Signature:

Employer Licence : ORG000158 ☐ (select licensing that applies)

Electrical Registration: E20143

Electrical Workers: Paddy Kumar, Matthew Crabtree, Kunal Chand

Date(s) Work Performed: 23-07-2020 To 30-07-2020

Date Certified: 31-07-2020

Inspector: Shahn Taylor

Signature:

Inspectors Registration: I 282139

Date Inspected: 31-07-2020 ROI Number: 3228252

Electrical Safety Certificate: This Electrical Safety Certificate relates to work performed on the part of the installation or fitting detailed above. That part of the installation or fitting is deemed safe to use, any prescribed electrical work done on it was in accordance with the Building Act 2004, and the installation has been connected to a power supply

Certifier: Mark Amundsen

Signature:

Electrical Registration: E20143

Date Connected: 31-07-2020

KUNAL CHAND

Matthew Crabtree

Pardeep Kumar

E-LC 150128

E-TLC 151728

TLC 139986

Table 8.1 AS/NZS 3000:2007 - 16A Type C - Maximum 1.92

LOCATION	POLARITY	VOLTAGE	INSULATION RESISTANCE (M Ohms)	EATH LOOP (Ohms)	RCD 1		RCD 2	
			L-N L-E E-N		TRIP	TIME (ms)	TRIP	TIME (ms)
Kitchen	Ok	239.5	>550	1.28	1/2	>310	1/2	>310
Kitchen	Ok	239	>550	1.2	1	25.2	1	25.2
Kitchen Fridge	Ok	239.5	>550	1.37	1	15.3	1	14.8
Oven	Ok	238	>550	1.33	5	6.6	5	6.1
Laundry	Ok	239.2	>550	1.32	5	13.6	5	13.3
Living Room Couch	Ok	238.5	>550	1.83	24ms		24ms	
Living Room TV	Ok	238	>550	1.28				
Bedroom 1	Ok	239.5	>550	1.28				
Bedroom 2	Ok	239.2	>550	1.55				
Bedroom 3	Ok	238.9	>550	1.32				
Bedroom 4	Ok	238.8	>550	1.4				
Bedroom 4	Ok	238.2	>550	1.4				
Bedroom 5	Ok	238.6	>550	1.44				
Bedrooms	Ok	237.9	>550	1.49				
Main Earth	0.2 Ohms							
PSC at Switchboard	1.38KA							

Table C5 AS/NZS 3000:2007 1.5mm - 16A 3n thermal insulation

partially surrounded
1mm - 10A