

ONE AGENCY

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Please be aware that this Electrical report is from **January 2017** and there may be some differences between this report and a current Electrical report.

McARTHUR & SYMONS ELECTRICAL

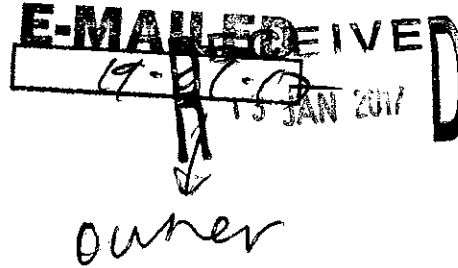
39 North Rd
North East Valley
PO Box 8047
Dunedin 9041

Member
 **MASTER**
ELECTRICIANS
Electrical Contractors Association of NZ

Tel: (03) 4738519
Fax: (03) 4738537
sales@mcarthursymons.co.nz
www.mcarthursymons.co.nz

12th January 2017

Attn: - ~~Felicity Dalton~~
~~McArthur & Symons~~



C/- Property Management Works
P. O. Box 2330
Dunedin

Dear Felicity, Re: - Electrical price as requested for 5 Mulford Street

With reference to the above we are pleased to submit our estimation of \$7,437.05 inclusive of GST. This price allows for the following:

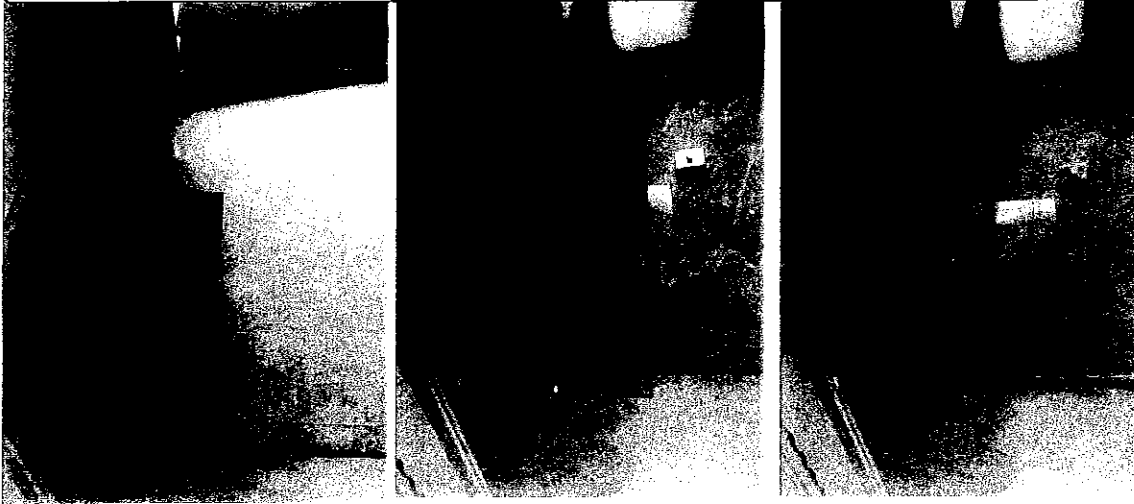
- 1) Replace two faulty power points.
- 2) Fit a quad plug to an existing single plug in the kitchen
- 3) Install a new plug in the laundry so washing machine cord is away from the wet tub area.
- 4) Replace the laundry batten holder that is faulty.
- 5) Earth the kitchen stainless steel bench top to make compliant and safe.
- 6) Remove illegal wiring in the cellar for the two lights and wire up compliantly.
- 7) Repairs to non-compliant use of neutral wire from heater to extract fan.
- 8) Install a new switch, plug and socket for the range.
- 9) Disconnect and completely remove all of the old TRS rubber wiring for the lights, plugs, range and water heater and then rewire in new TPS plastic cable.
- 10) Disconnect and completely remove the existing old switchboard and replace with a new 60way RCD safety switchboard. This switchboard will come complete with 20 MCB circuit breakers, five RCD safety devices and a main switch.
- 11) The new switchboard will require some building work as the existing supports are barely adequate for a new switchboard.
- 12) Install a protection toby for the main earthing system for the house.
- 13) Liaise with delta street connection personnel for power isolation.
- 14) Commission an independent electrical inspection on the prescribed work.
- 15) Health and safety allowance to work on the asbestos switchboard panel for independent inspection and electrical workers, which includes protection suits, debris gathering plastic sheets, cleaning agents and respiratory equipment.
- 16) To help give you a visual aid of what's proposed the pictures below show a switchboard conversion we recently completed.

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- 17) **Please note:-** Not all aspects of this job can be guaranteed and may only come to light once the work has been started, having said this based on many previously completed jobs similar to this I am confident this estimate is at the fair to high end of the scale.
- 18) The tenants power retailer may or may not charge them directly a fee for the changing of the meters or meter connection, this is something we have no control over, but we will compensate the tenant once they show us the bill from their retailer and on-charge to the client. The price varies but usually can be about \$170.00
- 19) Test and issue a certificate of compliance.

Thank you for the opportunity to provide this estimation. ***Our estimations are always based on best trade practices.*** If you have any further queries or require additional assistance please don't hesitate to contact me. This price is valid for one month from the above date and is inclusive of GST.

Yours faithfully,



Evan Rees



Member



**MASTER
ELECTRICIANS**

Electrical Contractors Association of NZ

McARTHUR & SYMONS ELECTRICAL



ELECTRICAL SAFETY CERTIFICATE

Reference: GM0792

This Electrical Safety Certificate provides a legally recognisable statement that the connected installation or part installation, or any fitting that supplies an installation or a part of an installation, is safe to use following prescribed electrical work.

Job Address: 5 Mulford St, Concord, Dunedin

Contact Details: Olivia Naylor c/o PMW
(name & address)

Phone: 4701330

Email: frobinson@pmworks.co.nz

Electrical Safety Certificate

Details of work: ☐ The whole installation ☒ Part of the installation

Description of work:

Bathroom fan no go. Tested out and found timer block behind switch faulty. Replaced timer, pulled in some spare cable and repaired TRS wires. Connected up and tested fan, now ok (Unprotected wires in roofspace brought into junction box) Note; 1) a non-compliant neutral has been used from the heater switch for the bathroom fan. 2) There are at least 8 TRS rubber insulated cables seen at the switchboard.

Date of Connection: 09-Nov-2016

I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifiers Name: Gordon McKay

Registration #: E242656

Issue Date: 09-Nov-16

Organisation/Company: McArthur & Symons Electrical Ltd

Contact: sales@mcarthursymons.co.nz 03 4738519

Certifiers Signature: 

CUSTOMER COPY – THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS
This certificate also confirms that the electrical work complies with the building code for the purposes of Section 19(1)e of the Building Act 2004


ELECTRICAL CERTIFICATE OF COMPLIANCE AND ELECTRICAL SAFETY CERTIFICATE

Reference: DS 1-5-2017

This form has been designed to be used by licensed electrical workers to certify that installations or part installations under **Part 1 or Part 2 of AS/NZS 3000** are safe to be connected to the specified system of electrical supply

Location Details: 5 Mulford Street, Concorde, Dunedin

Contact Details: (name & address) Olivia Naylor, Property Management Works, 462 Moray Place
Dunedin

Phone 03 470 1330

Email dunedin@pmworks.co.nz

RECEIVED
02 MAY 2017

Name of Electrical Worker: Daniel Swinden

Registration #: E261723

Organisation/Company: McArthur & Symons Electrical Ltd

Contact: sales@mcarthursymons.co.nz 03 4738519

Name of persons being supervised: Simon Wightman

Registration #: 14038

Certificate of Compliance

Type of Work:



Additions



Alterations



New Work

The prescribed electrical work is:



Low Risk



General



High Risk (Specify):

Reference Standards:



Part 1 of AS/NZS3000



Part 2 of AS/NZS3000

Additional Standards

Description of Work (Inc. dates of work and type of supply system):

Replaced 2 faulty sockets, Installed quad socket in kitchen, Installed new socket in laundry, Replaced 3 batten holders, Earthed kitchen bench, Installed new switch-plug and socket for the range, Replaced all TRS cable with TPS, Installed new switch for HWC, Replaced switchboard with V40 and V40MB to house protective devices and metering equipment, Installed tobys over main earths and drove new earth rod

I certify that the completed prescribed electrical work to which this certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct in that the installation, or part installation:

Select those that apply:



Has been installed in accordance with the specified certified design

Has an earthing system that is correctly rated (where applicable)

Contains fittings that are safe to connect to a power supply

Relies on a supplier Declaration of Conformity

Relies on a manufacturers instructions

Has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

Is safe to connect

Certifiers signature:

D Swinden

Date: 1-5-2017

Electrical Safety Certificate

I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifiers Name: Daniel Swinden

Registration #: E261723

Issue Date: 1-5-2017

Certifiers Signature:

D Swinden

Connection Date: 01-May-2017

CUSTOMER COPY - THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS

This certificate also confirms that the electrical work complies with the building code for the purposes of Section 19(1)e of the Building Act 2004

Completion Certificate

This is to certify that, as part of EECA's Warm Up New Zealand: Heat Smart, Ellis Fibre on behalf of AbsoluteEnergy Ltd has installed the products listed below in this house.

Address 5 Mulford Street, Concord

AbsoluteEnergy Ltd provides the guarantees set out below in accordance with the Approval for Work Form signed by the owner prior to installation.

Products Installed (where applicable)

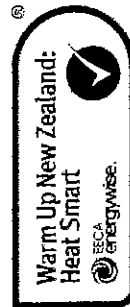
Ceiling insulation	65	m2 installed of	Technobond R3.2
Under floor insulation	72	m2 installed of	Technobond R1.6
On ground vapour barrier	N/A	m2 installed of	Polythene 250mu
Pipe Lagging	N/A	Lm installed of	Lagging
Cylinder Wrap	N/A	Unit	Pink Batts Cylinder Wrap
Remedial Work	0.5	Unit	Remedial Work – remove belongings

Signed:



Date: 26 August 2015

Service provider job ref: 14827



New Zealand Government



Energy Efficiency and Conservation Authority
Te Tahi Tahi Pūngao

Guarantee: The Service Provider guarantees that it has installed the products as set out above in a good and workmanlike manner in accordance with all applicable regulations, codes and manufacturer's specifications and EECA requirements; provided the owner with the manufacturer's warranties in relationship to the products installed and that it will promptly repair or remedy any defective workmanship relating to the installation of the insulation works and/or any resulting damage, at its own cost. This guarantee is transferable to subsequent owners of the house.

Disclaimer: EECA provides no guarantee or warranty in respect of the installation of the products carried out by the Service Provider, and is not liable for the homeowner or any other person for any loss or damage suffered as a consequence of the installation of the products referred to above.