



# **RULES OF THE ELECTRICAL WORKERS REGISTRATION BOARD**

## **TRAINING AND/OR EXPERIENCE FOR ELECTRICAL REGISTRATION WHERE APPLICANTS HAVE NOT COMPLETED COMPETENCY BASED TRAINING PROGRAMMES**

Issued by:  
N J J Sickels  
Registrar  
6 August 2010

## **Introduction**

The Electrical Workers Registration Board (the Board) introduced new classes of registration on 1 April 2010 and each class of registration, with the exception of electrical inspector, has a training and/or experience prerequisite that requires any person seeking registration to complete a competency based training programme or to have obtained experience which is satisfactory to the Board. (The electrical inspector class of registration does not have the competency based training option).

While the majority of applicants seeking registration in the electrician class, and to a lesser degree the line mechanic and the electrical service technician classes, complete competency based training programmes which are governed by Agreements between the Board and industry training organisations, at the present time that type of training is not “mainstream” for the other classes.

To enable a consistent and transparent approach to be taken to the registration of applicants who do not complete competency based training programmes the Board has set rules in relation to what constitutes “experience satisfactory to the Board”.

In addition to the consistency and transparency aspects an advantage of such rules is that any applicant for registration, and the industry as a whole, will know what the Board’s expectations are and will be able to make informed career choices and employment related decisions respectively.

## **Rules of the Board**

The Board has introduced the following rules for registration applicants who have not completed competency based training programmes.

### **1 Standard of evidence required for all classes of registration where applicants have not completed a competency based training programme**

All applicants for registration who have not completed a competency based training programme must provide the Board with evidence of practical “hands on” training and/or experience. The evidence must be provided in the form of;

- (a) an employer work reference(s); or
- (b) reference(s) from other persons who are registered by the Board and who have an in depth knowledge of the training and/or experience obtained by the applicant; or
- (c) reference(s) from other persons (ie Accountants or Solicitors) who have business knowledge of the training and/or experience obtained by the applicant through companies that no longer exist or past employers who are either deceased or unable to provide references.

In circumstances where an applicant demonstrates that the applicant is unable to provide any of the above listed references the Board will accept a correctly constituted Statutory Declaration.

## **2 Evidence required for specific classes or registration**

### Electrical inspector

Any applicant for registration as an electrical inspector must provide evidence that they have completed not less than three years training and/or experience carrying out the following prescribed electrical work;

- (a) the installation or maintenance of conductors used in works or installations; and
- (b) the installation or maintenance of fittings connected, or intended to be connected, to conductors used in works or installations; and
- (c) the connection or disconnection of fittings to or from a power supply, other than by means of a plug or pin inserted into a socket, or an appliance coupler inserted into an appliance inlet; and
- (d) the maintenance of appliances; and
- (e) the testing of work described in paragraphs (a) to (d) above; and
- (f) the certification of work described in paragraphs (a) to (d) above; and
- (g) the supervision of any work described in paragraphs (a) to (f) above.

The applicant must have obtained the abovementioned training and/or experience subsequent to registration as an electrician or electrical engineer by the Board, or by holding the status of Qualified Engineer under the Electricity Act 1992.

### Electrician

Any applicant for registration as an electrician must provide evidence that they have completed not less than four years training and/or experience carrying out the following prescribed electrical work;

- (a) at least one year on the installation or maintenance of conductors used in works or installations; and
- (b) the installation or maintenance of fittings connected, or intended to be connected, to conductors used in works or installations; and
- (c) the connection or disconnection of fittings to or from a power supply, other than by means of a plug or pin inserted into a socket, or an appliance coupler inserted into an appliance inlet; and
- (d) the maintenance of appliances; and
- (e) the testing of work described in paragraphs (a) to (d) above.

### Electrical engineer

Any applicant for registration as an electrical engineer must provide evidence that they have completed not less than four years training and/or experience carrying out the following prescribed electrical work;

- (a) at least one year on the installation or maintenance of conductors used in works or installations; and
- (b) the installation or maintenance of fittings connected, or intended to be connected, to conductors used in works or installations; and
- (c) the connection or disconnection of fittings to or from a power supply, other than by means of a plug or pin inserted into a socket, or an appliance coupler inserted into an appliance inlet; and
- (d) the maintenance of appliances; and
- (e) the testing of work described in paragraphs (a) to (d) above.

### Electrical installer

Any applicant for registration as an electrical installer must provide evidence that they have completed not less than two years training and/or experience carrying out prescribed electrical work related to one or more of the following;

- (i) security systems; or
- (ii) fire alarm systems; or
- (iii) railway systems; or
- (iv) lift/escalator systems; or
- (v) heating/ventilating/air conditioning systems; or
- (vi) renewable energy systems of electrical supply which do not exceed 10kVA capacity and are intended for connection to a standard low voltage installation (not including any works, installation, appliance or fitting that may be connected to those systems of supply).

The abovementioned prescribed electrical work must be carried out on;

- (a) the installation or maintenance of fittings connected, or intended to be connected, to conductors used in works or installations which are directly connected to one or more of the systems described in (i) to (v) above; and
- (b) the connection or disconnection of fittings to or from a power supply, other than by means of a plug or pin inserted into a socket, or an appliance coupler inserted into an appliance inlet which are directly connected to the systems described in (i) to (v) above; and
- (c) the maintenance of appliances which are directly connected to the systems described in (i) to (v) above; and

- (d) the testing of work described in paragraphs (a) to (c) above.

#### Electrical service technician

Any applicant for registration as an electrical service technician must provide evidence that they have completed not less than eighteen months training and/or experience, including at least six months on multi phase appliances, carrying out the following prescribed electrical work;

- (a) the maintenance of fittings that are connected to conductors used in works or electrical installations; and
- (b) the maintenance of appliances; and
- (c) the disconnection and connection of fittings and appliances from and to a power supply, other than by means of a plug or pin inserted into a socket, or an appliance coupler inserted into an appliance inlet; for the purpose of the maintenance of those fittings; and
- (d) the testing of work described in paragraphs (a) to (c) above.

#### Electrical service technician (endorsed to disconnect and connect)

Any applicant for registration as an electrical service technician (endorsed) must provide evidence that they have completed not less than eighteen months training and/or experience carrying out the following prescribed electrical work;

- (a) the maintenance of appliances that have an electrical rating of not more than 250 volts which are supplied by plug and flexible cord; and
- (b) the disconnection and connection of the appliances described in paragraph (a) above from a power supply where a plug or appliance coupler is not fitted but the flexible cord is connected to a permanent connection unit; and
- (c) the testing of work described in paragraphs (a) and (b) above.

#### Electrical appliance serviceperson

Any applicant for registration as an electrical appliance serviceperson must provide evidence that they have completed not less than eighteen months training and/or experience carrying out the following prescribed electrical work;

- (a) the maintenance of appliances that have an electrical rating of not more than 250 volts and are supplied by plug and flexible cord; and
- (b) the testing of work described in paragraph (a) above.

#### Line mechanic

Any applicant for registration as a line mechanic must provide evidence that they have completed not less than two years training and/or experience carrying out the following prescribed electrical work;

- (a) the installation or maintenance of conductors used as electric lines in works; and
- (b) the installation or maintenance of conductors used as electric lines in installations; and
- (c) the installation or maintenance of fittings connected, or intended to be connected, to the work described in paragraph (a) above; and
- (d) the installation or maintenance of fittings connected, or intended to be connected, to the work described in paragraph (b) above; and
- (e) the connection or disconnection of work described in paragraphs (a) and (c) above to or from a power supply; and
- (f) the connection or disconnection of work described in paragraphs (b) and (d) above to or from a power supply; and
- (g) the maintenance of appliances where the appliance is supplied with electricity directly from an electric line; and
- (h) the testing of work described in paragraphs (a) to (g) above.

#### Cable jointer

Any applicant for registration as a cable jointer must provide evidence that they have completed not less than two years training and/or experience carrying out the following prescribed electrical work;

- (a) the installation or maintenance of conductors of low or high voltage polymeric and paper insulated cables including oil and gas filled cables and oil and gas pressured cables that necessitate the specialist jointing and terminating of such cables; and
- (b) the installation or maintenance of fittings connected, or intended to be connected, to the work described in paragraph (a) above; and
- (c) the connection of low voltage conductors described in paragraph (a) above or low voltage fittings described in paragraph (b) above to a power supply; and
- (d) the testing of work described in paragraphs (a) to (c) above.



John Sickels  
Registrar  
6 August 2010