



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

**Final date for issue of award is 31 December 2008**

## **TECHNICIAN'S CERTIFICATE - ELECTRICAL WORK EXPERIENCE GUIDELINES**

### **Introduction**

In this quickly growing field, candidates have many opportunities of finding suitable employment. Candidates need to be working under the guidance and supervision of a suitably qualified and experienced person.

Technicians are generally involved in practical electrical work such as the production and maintenance of electrical equipment. The work undertaken towards the Technician's Certificate should cover the range of stages in production processes and have a variety of activities that require thought as to method, reliability, cost, etc. An exposure to real situations and equipment is advisable as this will give an appreciation of what is feasible in practical designs. The candidate should also be able to appreciate projects as a whole, from specification through to completion, even if involved in a small part of it.

### **Work Experience Credit for Related Qualifications**

Between six months and eighteen months work experience may be credited from a completed apprenticeship, a Trade Certificate, an Advanced Trade Certificate or a National Certificate at level 4 or above in an electrical trade. The time credited will be determined according to the details recorded in the Work Experience Record Book. Candidates should submit a certified copy of the certificate of completion of apprenticeship, Trade Certificate, Advanced Trade Certificate or National Certificate (a certified copy is one which is signed by a person such as a justice of the peace, a solicitor, or a notary public as an authentic copy of the original).

It may be possible that time can be credited from qualifications other than those above. Advice should be sought from the Qualifications Authority.

### **Suitable Work Experience**

- 1 Using a range of hand tools for electrical work.
- 2 Using a range of power tools for electrical work.
- 3 Using and servicing electrical test equipment.
- 4 Diagnosing faults and repairing electrical equipment.
- 5 Undertaking technical operation work.

- 6 Reading electrical and electrical/mechanical drawings.
- 7 Constructing and wiring electrical equipment.
- 8 Using safe working practices and techniques.
- 9 Working within legislative requirements for safety.

Revised February 1998