



Electrical (Electrical Machine Repair)

Employees in the *Electrical (Electrical Machine Repair)* trade maintain and repair electrical machines within a variety of industrial and commercial contexts. They overhaul, repair and rewind motors, transformers and control gears.

Electrical Machine Repair tradespersons dismantle, assemble and fabricate electrotechnology components, solve problems in extra-low voltage single path circuits and multiple path DC circuits, fix and secure equipment, and solve problems in electromagnetic circuits and single and three phase low voltage circuits.

They may also:

- dismantle, assemble and fabricate electrotechnology components
- wind coils
- place and connect coils
- rewind single phase induction machines
- rewind three phase induction machines rated for low voltage
- conduct electrical tests on low voltage electrical machines
- disconnect and reconnect fixed wired electrical equipment connected to a low voltage supply
- conduct mechanical tests of electrical machines

If you are seeking recognition in the *Electrical (Electrical Machine Repair)* trade, you must provide evidence demonstrating the nature and duration of your employment, such as:

- log books or job cards illustrating the nature of trade work you have performed
- work-related references from employers and qualified supervisors outlining the duration of employment and detailing the nature of work you have performed, procedures applied and tools and equipment used which are consistent with the *Electrical (Electrical Machine Repair)* trade. References must be signed, dated and on your employer's letterhead.
- formal training records, evidence of relevant training completed to date
- any other evidence that you are competent or adequately trained to work in the *Electrical (Electrical Machine Repair)* trade.

For further information and a guide to assist applicants for Trade Recognition in this trade, [click here \(PDF 255KB\)](#).