

Department	Production
Job Title	Auto Electrician
Report to	Team Leader

Liases with:

- All Managers
 All Employees
 All External Clients
 All External Suppliers

Type of position:

- Full-time
 Part-time
 Casual
 Contractor
 Apprentice/Trainee

QMW Industries is a quality assured, heavy metal fabrication company catering for the needs of the earthmoving and mining industries.

Some of the products we specialise in are the manufacture of: Roll Over Protective Structures (R.O.P.S); Falling Object Protective Structures (F.O.P.S); service vehicles; fully enclosed cabins for earthmoving and mining equipment; crane repairs and general fabrication.

Position Description

As an **auto electrician** (automotive electrician) you are a skilled worker who has specialised in the installation, repair and maintenance of automotive electrical systems and computer based equipment found in various kinds of petrol and diesel engine motor vehicles, earthmoving, mining, agricultural equipment and plant.

An **auto electrician** works on the components of a vehicle's electrical system (battery, starter motor, alternator, fuse box, wiring and connectors), as well as on all of the other electrical equipment and accessories in a vehicle, such as headlights, anti-theft alarms, GPS devices, air conditioning systems, central locking, digital dashboard displays, electric wing mirrors and electric seats.

As an **auto electrician** you are required to understand and be able to read electrical schematics and perform electrical calculations. You will need to understand the types of wiring techniques used with the various components you are working with.

An **auto electrician** is also required to use meters, testing equipment and computers to map electrical pathways and search for, locate and identify problems or malfunctions and faulty parts. You will be required to disassemble, as well as correctly reassemble vehicle parts back together.

An **auto electrician's** work environment is often dirty, dusty and loud, and an **auto electrician** is frequently exposed to potentially dangerous substances such as toxic chemicals and solvents etc.

The person who fills the role is required to comply with all aspects of QA and OH&S in accordance with the Company's Integrated QA and OH&S Management Systems, its associated policies, procedures and processes.

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Key Responsibilities

- Use selected hand tools, hand trolleys and pallet jacks.
- Use automatic, semi-automatic, single purpose machines and equipment.
- Read and interpret electrical schematic diagrams and drawings.
- Diagnose malfunctioning electrical systems in various kinds of petrol and diesel engine motor vehicles and plant and equipment.
- Find faults and troubleshoot electrical issues using appropriate testing devices.
- Install, maintain, repair and make improvements to a vehicles electrical and electronic system.
- Carry out electromechanical maintenance and safety inspections.
- Test and calibrate electrical equipment and electrical and electronic components.
- Apply safe work practices.
- Meet your individual deliverable dates on duties / tasks as stipulated by the Team Leader.
- Maintain simple records.
- Comply with all relevant Australian Legislative requirements, Australian/International Standards and Acts.
- Comply with all Quality Management System and OH&S Management System requirements.
- Ensure that any OH&S concerns you have are reported to the Team Leader in accordance with the requirements of ISO 45001.
- Provide any suggestions or feedback that will assist the continuous improvement process.
- Undertake other tasks, not limited by this job description as requested by the Team Leader.
- Work in other areas of the business as required from time to time.

Selection Criteria – Education, Qualifications, Experience Requirements

- At least 3 years-experience working as an auto electrician within a manufacturing company.
- An appropriate Trade Certificate from a recognized Vocational Institution.
- Be familiar with automotive electrical systems and computer based equipment found in various kinds of petrol and diesel engine motor vehicles, earthmoving, mining, agricultural equipment and plant.
- Ability to work independently, be a strong team player.
- Familiarity of working in accordance with Occupational Health and Safety legislative requirements.

Other Requirements

- Good communication and interpersonal skills.
- Good organisational skills.
- Reliable, trustworthy and honest.
- Current Queensland Driver's Licence.
- A willingness to work a reasonable number of additional hours in accordance with operational demand on short notice as requested by the Team Leader.

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