

<b>Department</b>	<b>Production</b>
<b>Job Title</b>	<b>Boilermaker</b>
<b>Report to</b>	<b>Team Leader</b>

**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

A **boilermaker** is a skilled worker who constructs, assembles, maintains and repairs steam boilers and boiler house auxiliaries, aligns structures or steel plate sections to assemble boiler frames tanks or vats.

A **boilermaker** inspects and repairs boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines. A **boilermaker** can also join, weld, fabricate and repair equipment, structures, and various types of metal objects using an array of welding techniques such as MIG and TIG, electric arc, and oxygen-acetylene.

As a **boilermaker** your role involves supporting the Team Leader and working with other members of your team on the workshop floor to produce QMW's various range of products.

As a **boilermaker** you have the rewarding challenge of organising materials in a manner that assists with the successful manufacture of the various QMW products via detailed engineering drawings, while ensuring you work efficiency and effectively and in accordance with industry standards and practice.

The **boilermaker's** work environment is often dirty, dusty and loud, and the **boilermaker** is frequently exposed to potentially dangerous substances such as toxic chemicals and solvents etc.

As a **boilermaker** you are responsible for ensuring that the jobs you are working on are completed on time and by the most cost-effective manner.

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.
- Operate mobile equipment including forklifts, overhead cranes and company vehicles.
- Use automatic, semi-automatic, single purpose machines and equipment.
- Operate, set up and adjust production machinery as required.
- Interpret and work from production drawings, prints or plans.
- Handle materials within the scope of the production process.
- Measure accurately.
- Cut raw materials (such as but not limited to bandsaw, cold saw etc.).
- Use destructive cutting equipment and lubricate production equipment and perform adjustments to production equipment.
- Determine the best equipment and welding method based on the specific job requirements.
- Assemble and fabricate structures made of metal using an array of welding techniques such as MIG and TIG welding, electric arc, and oxygen-acetylene.
- Inspect and test welded structures and surfaces to discover flaws.
- Perform a range of maintenance functions including, removing equipment fastenings etc.
- Apply safe work practices.
- Perform hot work in accordance with the requirements of AS1674-1 1997, Safety in Welding and Allied Processes – Fire Precautions.
- 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 Australian 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 a boilermaker within a manufacturing company, servicing the mining industry or similar.
- An appropriate Trade Certificate from a recognized Vocational Institution.
- Ability to work independently, be a strong team player.
- Familiarity of working in accordance with Occupational Health and Safety legislative requirements.

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### Other Requirements

- Good communication and interpersonal skills.
- Good organisational skills.
- Reliable, trustworthy and honest.
- Current Queensland Driver's Licence.
- Current Forklift Licence.
- Current Crane Operators Certificate.
- 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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