

# Metal Fabrication and Welding WHS Management Plan

SAMPLE

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## Metal Fabrication and Welding WHS Management Plan

# 1. Purpose, Scope and Objectives

## 1.1 Purpose

This Metal Fabrication and Welding WHS Management Plan sets out how [Company Name] will manage work health and safety risks associated with metal fabrication, welding and related activities. It provides a structured approach to identifying hazards, assessing risks, implementing controls, and monitoring the effectiveness of those controls in accordance with applicable Australian WHS legislation, codes of practice and relevant Australian Standards.

The Plan is intended to: - Provide clear WHS responsibilities and expectations for all workers, including contractors and labour hire personnel. - Ensure hazards specific to metal fabrication and welding are systematically managed. - Support consultation, cooperation and coordination between PCBUs, workers and other duty holders. - Demonstrate due diligence and WHS compliance to regulators, clients and other stakeholders.

## 1.2 Scope

This Plan applies to all metal fabrication and welding work undertaken by [Company Name], including but not limited to: - Workshop-based fabrication and welding (e.g. structural steel, sheet metal, pipework components). - Site installation and erection of fabricated items. - Repair, modification and maintenance welding. - Cutting, grinding, gouging and surface preparation. - Use of welding processes including (but not limited to) MMAW (stick), GMAW (MIG/MAG), GTAW (TIG), FCAW, oxy-fuel welding and cutting, plasma cutting and gouging.

The Plan covers: - Routine operations. - Non-routine and high-risk construction work. - Commissioning, testing and inspection activities. - Shutdowns, repairs and decommissioning.

## 1.3 Objectives

The objectives of this WHS Management Plan are to: - Eliminate or minimise WHS risks so far as is reasonably practicable. - Prevent injuries, illnesses, property damage and environmental harm. - Ensure safe systems of work for all fabrication and welding tasks. - Provide workers with information, training, instruction and supervision to work safely. - Establish measurable WHS performance indicators and continuous improvement processes.

Key WHS objectives include: - Zero fatalities. - Progressive reduction in recordable injuries and near misses. - 100% completion of required inductions and task-specific training. - 100% of welding plant and equipment inspected and maintained in accordance with schedule.

## 2. WHS Legislative Framework and Standards

### 2.1 Applicable Legislation and Codes of Practice

[Company Name] will comply with all applicable Commonwealth and relevant State/Territory WHS legislation, including (as applicable to the jurisdiction of operation): - Work Health and Safety Act. - Work Health and Safety Regulation.

Relevant codes of practice and guidance material include, but are not limited to: - Managing Risks of Hazardous Chemicals in the Workplace Code of Practice. - Managing Noise and Preventing Hearing Loss at Work Code of Practice. - Welding Processes Code of Practice (where adopted) or equivalent guidance. - Managing the Risk of Falls at Workplaces Code of Practice. - Confined Spaces Code of Practice. - Managing Electrical Risks in the Workplace Code of Practice. - First Aid in the Workplace Code of Practice.

### 2.2 Relevant Australian Standards

Where reasonably practicable, [Company Name] will align its practices with relevant Australian Standards, including but not limited to: - AS/NZS 1674 series – Safety in welding and allied processes. - AS/NZS 1570 series – Structural steel welding. - AS/NZS 60974 series – Arc welding equipment. - AS/NZS 1715 – Selection, use and maintenance of respiratory protective equipment. - AS/NZS 1337 – Eye protectors for industrial applications. - AS/NZS 2161 – Occupational protective gloves. - AS/NZS 2210 – Occupational protective footwear.

### 2.3 Legal Duties and Due Diligence

[Company Name] acknowledges its primary duty of care as a Person Conducting a Business or Undertaking (PCBU) to ensure, so far as is reasonably practicable, the health and safety of workers and others.

Officers of [Company Name] must exercise due diligence by: - Keeping up-to-date knowledge of WHS matters related to metal fabrication and welding. - Understanding the hazards and risks associated with operations. - Ensuring appropriate resources and processes are provided to eliminate or minimise risks. - Ensuring processes are in place to receive, consider and respond to WHS information. - Verifying that WHS processes and controls are implemented and effective.

Workers must: - Take reasonable care for their own health and safety. - Take reasonable care that their acts or omissions do not adversely affect the health and safety of others. - Comply with any reasonable instruction and cooperate with any reasonable policy or procedure relating to WHS.

## 3. WHS Roles, Responsibilities and Accountability

### 3.1 Organisational WHS Structure

[Company Name] will define and communicate a clear WHS structure for all fabrication and welding operations.