



ASSESSMENT TEST REPORT

Objective & Scope

SCOPE

Mobile Hose & Safety Assessment criteria and report is to identify the Risks posed by Class 2 Dangerous Goods Gas allied processes to people, property and the working environment within your business.

Scope of Work Description –

OXY/FUEL HAZARD AND RISK ASSESSMENT PROGRAM APP

- Gas Oxy/fuel set Hazard and Risk identification, recommended controls
- Gas Oxy/Fuel set inspection, testing and tagging
- Gas Dangerous Goods Hazard and Risk identification, recommended controls

OBJECTIVE

Mobile Hose & Safety program incorporates all relevant requirements of State Acts, Regulations and Australian Standards, this guiding our expert consultants to test and maintain equipment and site Dangerous Goods protocols to a strict generic standard.

Every section of Mobile Hose & Safety equipment testing and assessing program is automated to rate every specific hazard identified to the risk to your business in a low, medium, high matrix.

After every routine on site visit, Mobile Hose & Safety consultants and report will inform your management and workers of the facts and exact safety position of your gas equipment and site protocols.

- Maintain compliance
- Assist management to make calculated resourceful decision
- Always create a high level of safety consistency
- Understand the cost to maintain your business safety standards within this field
- Most of all keep your team safe

This clear precise approach will give your business the best result and keep your people safe, productive with planned budgets.

Introduction

Mobile Hose & Safety pro-active consultants through communication and factual reporting will assist your team to – Mobile Hose & Safety is a consultancy company which provides practical guidance for companies/persons conducting a business or undertaking on how to manage health and safety risks associated with Class 2 Dangerous Goods Gas heating, cutting, gouging and brazing allied processes.

Mobile Hose & Safety program and systematic routine Hazard and Risk Assessment approach applied to all workplaces covered by the WHS Act where Gas allied processes are carried out and to all persons involved in these activities.

WHO HAS HEALTH AND SAFETY DUTIES IN RELATION TO GAS OXYGEN/FUEL ALLIED PROCESSES?

A person conducting a business or undertaking has the primary duty to ensure, so far as is reasonably practicable, that workers and other persons are not exposed to health and safety risks arising from the business or undertaking.

A person conducting a business or undertaking that carries Class 2 Gas Dangerous Goods activities must eliminate the risks arising from oxygen/fuel heating, cutting, gouging and brazing allied processes, or if that is not reasonable practicable, minimise the risks so far as reasonably practicable.

To work safely in oxy/fuel allied process environment, it is necessary to be able to identify Hazards and Assess the Risk.

- A Hazard is something that has the potential to cause harm

To achieve the highest level of safety control in this field it requires persistence and transparency so all key stakeholders involved understand your company goals and expectation.

MHS consultancy team and routine systematic program will inform your business of its current Class 2 Dangerous Goods and equipment environment risk position, and then if risks are identified recommendations are forwarded as per Australian Standard, Code of Practice guidance.

- The Risk is the likelihood that the Hazard will actually cause harm under the prevailing conditions.

Aspects of Gas and oxy/fuel allied processes present serious Hazards, but the Risk depends on how the Hazards are dealt with or controlled.

TABLE 1
GUIDANCE ON MAINTENANCE

Equipment	Maintenance		
	Weekly (if in constant use) or before every use (to be performed by the operator)	As nominated (to be carried out by a technically competent person)	Refurbishment or replacement intervals (Equipment condition determines whether refurbishment or replacement is required.)
1. Regulators (including their integral protective devices)	According to the manufacturer's instructions including—visual examination to determine suitability for service (e.g. gas, pressure rating, damage); condition of threads and sealing surfaces; and oil or grease contamination. Leak test all joints at working pressure.	Six monthly: Functional tests to ensure the correct operation of internal components.	Manufacturer or supplier recommendation, but not exceeding five years.*
2. Flashback arrestors and other external devices (including non-return valves)	Visual examination to determine suitability for service (e.g. gas, pressure rating, damage); condition of threads and sealing surfaces; and oil or grease contamination. Leak test all joints at working pressure.	Six monthly as detailed in AS 4603 or following a flashback: Proper functioning of the non-return valves and flashback arrestors. For pressure-activated valves, check there is no flow in the normal direction with the valve tripped.	Manufacturer or supplier recommendation, but not exceeding five years.*
3. Hose assemblies	Visual examination to determine suitability for service (e.g. gas, pressure rating, damage); condition of cover; and threads and sealing surfaces of the end fittings. Leak test all joints at working pressure.	Six monthly: Check for absence of cuts and excessive wear by bending the hose in a tight radius, to ensure reinforcement is not visible.	Determined by the hose assembly condition.
4. Blowpipes, mixers and attachments	Visual examination for damage of the threads and sealing surfaces of the hose connections and the attachment connections. Leak test all joints at working pressure.	Six monthly: Test control valve function. Blank the attachment connection and leak test for internal malfunction.	Manufacturer or supplier recommendation, but not exceeding five years.*

* Regulator elastomers and seals will wear and deteriorate in service and deteriorate out of service. Items stored for one year or over without use should receive inspection as per the annual maintenance inspection.