



Australian Government

Department of Education, Employment and Workplace Relations

PRMPFES15B Service delivery lay flat fire hoses in the workshop

Release: 1

PRMPFES15B Service delivery lay flat fire hoses in the workshop

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit of competency covers inspection and servicing procedures for a range of delivery lay flat fire hoses in a workshop situation. It covers inspecting, pressure testing, cleaning and storing delivery lay flat fire hoses. All work in this area must be completed in accordance with relevant legislative, industry, customer and organisational requirements, including occupational health and safety (OHS) policies and procedures.

Application of the Unit

Not Applicable

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Not Applicable

Employability Skills Information

Not Applicable

Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

- | | |
|--|--|
| 1 Interpret and comply with legal and industry requirements relating to service operations | 1.1 Apply knowledge and understanding of <i>legislative and industry requirements</i> , including relevant state/territory building codes, to <i>work procedures</i>
1.2 Confirm or clarify knowledge and understanding of <i>legislative and industry requirements</i> , including state/territory building codes, where necessary, with relevant persons
1.3 Identify <i>potential and actual breaches</i> of <i>legislative and industry requirements</i> and take action according to <i>organisational requirements and OHS policies and procedures</i> |
| 2 Inspect delivery lay flat fire hoses for faults | 2.1 Inspect <i>delivery lay flat fire hose</i> for defects/damage according to the appropriate <i>maintenance schedule</i> of the relevant current Australian Standards
2.2 Inspect <i>delivery lay flat fire hose couplings</i> and associated items for wear and damage and repair or replace where permitted
2.3 Complete organisational <i>documentation</i> according to <i>workshop procedures</i> |
| 3 Pressure test delivery lay flat fire hoses | 3.1 Pressure test delivery lay flat fire hoses according to the maintenance schedule and procedures specified in the relevant current Australian Standard
3.2 Complete all permitted repairs according to manufacturers' instructions
3.3 Update maintenance record tag to record completed maintenance according to the requirements of the relevant current Australian Standard |
| <hr/> | |
| 4 Clean and store delivery lay flat fire hose | 3.4 Label and document condemned delivery lay flat fire hose according to the requirements of the current relevant Australian Standard
4.1 Clean, <i>dry</i> and <i>store</i> delivery lay flat fire hose according to <i>workshop procedures</i> and the requirements of relevant current Australian Standards |

Required Skills and Knowledge

Refer to Evidence Guide

Evidence Guide

EVIDENCE GUIDE

Knowledge needed to achieve the performance criteria

Knowledge and understanding are essential to apply this unit of competency in the workplace, to transfer the skills to other contexts and to deal with unplanned events. The knowledge requirements for this unit are listed below.

- The key features of legislation, regulations and codes applicable to servicing delivery lay flat fire hoses.
- The purpose of the Building Code of Australia.
- The implications of NOT applying legislative requirements to job functions.
- Action to take when a breach of health, safety and other policies occurs.
- The implications of storing wet delivery lay flat fire hose.
- The implications of not venting the air during a pressure test.
- Methods of recording lay flat fire hose maintenance data.
- Methods of determining the test pressure according to the class of hose.

Specific skills needed to achieve the performance criteria

To achieve the performance criteria, some complementary skills are required. These relate to the ability to:

- use hand and power tools safely and with dexterity
- report and record information neatly and legibly when completing documentation
- plan and organise work in order to estimate time to complete activities and prioritise task
- apply language, literacy and numeracy skills to:
 - communicate with others in a clear and concise manner in both written and verbal modes
 - read, understand and comply with work instructions/specifications
 - read, understand and record measurements
- use appropriate workplace housekeeping procedures.

Other units of competency that could be assessed with this unit

The following units of competency must be assessed prior to this unit:

- PRMPFES04B Identify fire protection equipment
- PRMPFES06C Prepare for installation and servicing operations.

Resources required to assess this unit

The following resources should be available:

- access to a workshop or a simulated workplace environment
- access to workshop facilities and all necessary tools, equipment, spare parts and relevant documentation
- assessment documentation
- training and assessment record book.

Gaining evidence to assess this unit

For valid and reliable assessment of this unit, the competency should be demonstrated over a period of time and be observed by the assessor (or assessment team working together to conduct the assessment). The competency is to be demonstrated in a range of situations, which may include customer/workplace interruptions and involvement in related activities normally experienced in the workplace.

Assessment of competence over the full range of performance criteria may be made through practical demonstrations in the workshop environment. Consideration should be given to assessing consistency of outcome over an appropriate period of time.

Candidates should also be given the opportunity to practise and undertake self-assessment of performance before requesting formal assessment.

All safety requirements must be strictly adhered to during all practical activities.

Oral questioning or a written assessment may be used to assess underpinning knowledge. (In assessment situations where the candidate is offered a preference between oral questioning and written assessment, questions are to be identical.)

Assessment of evidence should establish the candidate's ability to perform the job to the standard required in the workplace.

Supplementary evidence may be obtained from relevant authenticated correspondence or reports from supervisors or team leaders.

Note: The candidate should be encouraged to compile a portfolio of examples of completed documentation relevant to the candidate's organisation. One accurate example of each completed document is suggested as sufficient to infer competency and the ability to transfer the appropriate skills to each document type when required in the workplace. (Oral questioning may contribute as evidence of this ability.)

Information derived from enterprise policy and practices must be treated as commercial-in-confidence.

Performance and assessment of this unit must be carried out within the relevant requirements of the following legislative and industry framework:

- building Acts/regulations/codes
- Australian Standards identified as relevant to the required maintenance procedure
- environmental regulations
- manufacturers' specifications
- organisational requirements, including OHS policies and procedures
- OHS legislation, codes and regulations.

Key competency levels

There are a number of processes learnt throughout work and daily life that are required in all jobs. They are fundamental processes and generally transferable to other work environments. Some of these work processes are covered by the key competencies listed below. Information provided to each question highlights how these processes are applied in this unit of competency.

The number in brackets indicates the level to which the key competency should be demonstrated.

- | | | |
|-----------------------|--------------------------------------|--|
| 1 Perform the process | 2 Perform and administer the process | 3 Perform, administer and design the process |
|-----------------------|--------------------------------------|--|

How can information be collected, analysed and organised (2) ?	Collect, interpret and comply with regulatory and procedural requirements to the service procedure where applicable.
How can communication of ideas and information (1) be applied?	Discuss service procedures and verify with colleagues or supervisor to ensure compliance with regulatory and/or work requirements.
How are activities planned and organised (1) ?	Prioritise work tasks in order to meet operational schedules.
How can teamwork (1) be applied?	Provide support and assistance within the team to complete service procedures within designated timelines.
How can the use of mathematical ideas and techniques (1) be applied?	Apply mathematical skills in pressure testing functions.
How can problem-solving skills (2) be applied?	Reference potential problems in reference to the regulatory framework.
How can the use of technology (2) be applied?	Use and access technology to record information.

Range Statement

RANGE STATEMENT

The range statement links the required knowledge and organisational and technical requirements to the workplace context. It describes any contextual variables that will be used or encountered when applying the competency in work situations. It allows for different work practices and work and knowledge requirements as well as for differences between organisations and workplaces. The following variables may be present for this particular unit.

Legislative and industry requirements may include:

- relevant Commonwealth and state/territory building Acts/regulations/codes
- OHS legislation, codes and regulations
- relevant current Australian Standards e.g. AS1851
- Building Code of Australia
- dangerous goods regulations
- licensing arrangements
- environmental regulations
- building surveyor requirements
- other relevant legislation (including international and shipping/marine codes) relating to fire protection equipment
- Australian petroleum industries' requirements.

Work procedures may include:

- instructions from colleagues/supervisor/manager
- specific customer requirements
- assignment instructions
- equipment manufacturers' requirements
- reporting and documentation requirements
- personal protective equipment requirements.

Relevant persons may include:

- team leaders
- supervisors
- managers
- colleagues
- customers.

Potential and actual breaches of legislative and industry requirements could be identified by:

- direct observation
- as part of workplace quality assurance teams.

Organisational requirements may be located in quality assurance and/or procedures manuals relating to:

- legal and organisational policy/guidelines
- personnel practices and guidelines outlining work roles, responsibilities and delegations
- legislation relevant to the service operation
- OHS policies, procedures and programs
- documentation and information systems and processes
- use of electronic job scheduling and communication devices.

OHS policies and procedures may relate to:

- employer/employee rights and responsibilities
- the OHS hierarchy of control
- assessing the work site for hazards and risks prior to preparing the work site for the work procedure
- displaying signs and/or utilising barriers in the work area
- hazard and risk identification and reporting
- risk assessment and control measures
- incident/accident investigation
- OHS audits and safety inspections
- safe operating procedures/instructions including:
 - working safely around electrical wiring, cables and overhead powerlines
 - working safely around tools and equipment
 - working safely on ladders and raised platforms
 - risk and hazard recognition
 - emergency procedures
 - awareness of electrical hazards
 - following confined spaces procedures
 - utilising personal protective equipment including:

- safety glasses or goggles
- safety boots or shoes
- hard hat
- ear muffs or plugs
- appropriate gloves and overalls
- sun hat
- dust mask
- equipment maintenance and use
- use and storage of hazardous substances
- First Aid.

Delivery lay flat fire hose may include:

- percolating/non-percolating
- low, medium and high classes
- various diameter hoses.

Delivery lay flat fire hose couplings may include:

- STORZ
- BIC
- threaded.

Documentation may include:

- job card
- customer recommendation forms
- service agreements
- expense claims
- application for credit form
- equipment recommendation form
- Fleetcard
- corrective action report
- petty cash voucher
- certificate of inspection
- product documentation
- maintenance record system.

Workshop procedures may include:

- instructions from colleagues/supervisor/manager
- following assignment instructions
- reporting and documentation requirements
- personal protective equipment requirements.

Methods of drying delivery lay flat fire hose may include:

- drying room
- drying cabinet
- drying tower.

Temporarily stored delivery lay flat fire hose are to be rolled on a bight.

Note: Australian Standards are frequently revised and users must always check for currency.

Unit Sector(s)

Not Applicable