



Australian Government

BSBWHS508 Manage WHS hazards associated with plant

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to effectively manage work health and safety (WHS) hazards and to comply with WHS legislation as it applies to the management or control of plant (not the design, manufacture, supply, installation, construction or commissioning of plant or issuing of licences associated with plant).

It applies to individuals who may provide leadership and guidance to others using managerial and communication skills and who use systematic approaches to identify and resolve issues.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) are equivalent and generally either can be used in the workplace. In jurisdictions where the National Model WHS Legislation has not been implemented RTOs are advised to contextualise the unit of competency by referring to the existing State/Territory OHS legislative requirements.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Unit Sector

Regulation, Licensing and Risk – Work Health and Safety

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1 Comply with WHS legislation as it applies to plant	1.1 Apply knowledge of WHS legislation to advise individuals and parties of their duties, rights and obligations with regard to plant as appropriate to their job roles and the nature of the organisation 1.2 Ensure the management of hazards associated with plant, complies with relevant WHS legislation and organisational policies, procedures, processes and systems

ELEMENT	PERFORMANCE CRITERIA
2 Ensure organisational policies, procedures, processes and systems incorporate effective management of hazards associated with plant	2.1 Apply knowledge of organisational policies, procedures, processes and systems to determine if they effectively manage hazards associated with plant 2.2 Develop and implement modifications to organisational policies, procedures, processes and systems as necessary to ensure hazards associated with plant are effectively managed 2.3 Follow organisational policies, procedures, processes and systems when managing hazards associated with plant
3 Identify WHS hazards associated with plant	3.1 Access sources of information, data and advice to assist with identifying hazards associated with plant 3.2 Identify and consult with others, as necessary, as part of hazard identification 3.3 Record and report on hazard identification
4 Assess WHS risks associated with plant	4.1 Access sources of information, data and advice to assist with assessing WHS risks associated with plant hazards 4.2 Identify and consult with others, as necessary, as part of WHS risk assessment 4.3 Record and report on WHS risk assessments
5 Control WHS risks associated with maintenance and continued safe use of plant	5.1 Access sources of information, data and advice, including the outcomes of risk assessments to assist with developing risk control options for hazards associated with the maintenance and continued safe use of plant 5.2 Identify, consult with and report to others as necessary, during all stages of risk control 5.3 Develop risk control options and determine which options will be implemented 5.4 Implement, evaluate and monitor risk controls 5.5 Record and report on risk controls 5.6 Review risks controls implemented and recommend improvements, where necessary
6 Advise on registration, licensing and certification issues associated with plant	6.1 Identify types of plant requiring registration and tasks requiring operator licensing and/or certification, in accordance with legislative requirements 6.2 Document registration, licensing and certification requirements and communicate these to individuals and parties 6.3 Identify, document and communicate to individuals and parties,

ELEMENT	PERFORMANCE CRITERIA
	training requirements to meet registration, licensing and certification, in accordance with legislative requirements 6.4 Determine training needs required for new plant and/or new operating methods 6.5 Ensure training is undertaken and completed prior to commencement of work using new plant and/or new operating methods 6.6 Monitor and report compliance with regulatory requirements for registration, licensing and certification 6.7 Identify, document and maintain appropriate records for plant and operator skill requirements

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.2, 2.1, 2.2, 3.1, 4.1, 5.1, 5.6, 6.1, 6.3, 6.7	Analyses a wide range of technical, non-technical information and numeric data to determine actions and adhere to requirements
Writing	1.1, 2.2, 3.2, 3.3, 4.3, 5.1-5.3, 5.5, 5.6, 6.2, 6.3, 6.6, 6.7	- Matches style of writing to purpose and audience - Uses appropriate formats, vocabulary and grammatical structures to record, report and present information
Oral Communication	1.1, 3.1-3.3, 4.1-4.3, 5.1, 5.2, 5.5, 5.6, 6.2, 6.3, 6.6	- Explains information clearly and involves others in collaborative discussions using listening and questioning techniques - Uses pace, intonation and gestures to present information and encourage engagement with others
Numeracy	2.1, 2.2, 3.1-3.3, 4.1, 5.1,	Collates, interprets and compares numerical and statistical information to apply relevance to requirements
Navigate the world of work	1.1, 1.2, 2.1-2.2, 6.1, 6.5	- Takes full responsibility for following policies, procedures and legislative requirements and identifies organisational implications of new legislation or regulations - Modifies or develops organisational policies and

		procedures to comply with legislative requirements and organisation goals
Interact with others	1.1, 3.1-3.3, 4.1-4.3, 5.1, 5.2, 6.2, 6.3	- Establishes and uses appropriate conventions and protocols when communicating with others regarding management of WHS - Collaborates with others to achieve joint outcomes, playing an active role in facilitating effective group interaction
Get the work done	2.2, 2.3, 3.1-3.3, 4.1-4.3, 5.1-5.6, 6.1-6.7	- Takes responsibility for developing and applying organisational processes to aid compliance with legislative requirements - Sequences and schedules complex activities, monitors implementation, records progress and manages relevant communication - Systematically gathers and analyses all relevant information and evaluates options in order to make informed decisions - Uses formal analytical thinking techniques for identifying issues and generating possible solutions, seeking input from others when necessary - Evaluates effectiveness of systems and processes to inform decisions on how to implement improvements - Fully utilises features of digital tools to complete complex tasks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
BSBWHS508 Manage WHS hazards associated with plant	BSBWHS508A Manage WHS hazards associated with plant	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=11ef6853-ceed-4ba7-9d87-4da407e23c10>

Assessment Requirements for BSBWHS508 Manage WHS hazards associated with plant

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Performance Evidence

Evidence of the ability to:

- manage effective identification of hazards and develop risk control options for the operation of plant as defined in work health and safety (WHS) legislation
- develop, implement, monitor and modify WHS policies and procedures for the operation of plant
- use relevant systems and procedures in the operation and maintenance of plant
- implement general licensing and training requirements associated with plant
- identify, record and report on WHS hazards and assessing risk
- develop and implement risk control options
- communicate in the workplace to:
 - advise people of their rights, obligations and duties
 - consult about policies and procedures
 - identify hazards
 - assess WHS risk
 - advise people about registration, licensing and certification requirements
- use machinery safety control measures to control plant risks, including following registration and licensing requirements
- identify training needs and organise training.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe the basic principles of incident causation and injury processes
- explain the differences between a hazard and a risk
- identify factors that impact on risk

- explain the hierarchy of control and considerations for choosing between different risk controls
- identify high-risk work licences required for specific plant
- identify internal and external sources of WHS information and data, and explain how to access these sources
- discuss the management of risk associated with plant as a duty of a person conducting a business or undertaking (PCBUs) under WHS legislation
- describe the methods for providing evidence of compliance with WHS legislation
- outline workplace processes (such as work flow, planning and control) and hazards relevant to the workplace
- discuss organisational behaviour and culture as it impacts on WHS, change and work team
- describe the key features of organisational WHS policies, procedures, processes and systems
- identify other functional areas that impact on the management of WHS
- outline key features of plant specific knowledge including:
 - basic physics of fluids under pressure and pressure vessels, and the behaviour of pressurised fluid when pressure is released
 - duties, rights and obligations of individuals and parties specified in WHS legislation
 - hazards associated with plant and systems of work associated with plant
 - industry practices related to permit to work and isolation and tag out systems
 - registration requirements of plant, licensing and certification competencies
- describe the key principles and practices of a systematic approach to managing WHS
- describe the strategies for guarding moving parts in machinery, human factors related to machine guarding, safe design principles, features and limitations
- outline the key features of WHS Acts, regulations, codes of practice and other instruments issued by WHS regulators.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced by individuals carrying out work health and safety duties in the workplace and include access to:

- manufacturers' manuals including specifications and operational information and data
- relevant WHS Acts, regulations, codes of practice, standards, guidelines
- sources of information, data and advice
- workplace policies and procedures
- workplace equipment and resources
- case studies and, where possible, real situations
- interaction with others.

Assessors must satisfy NVR/AQTF assessor requirements.

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