



Australian Government

Assessment Requirements for BSBWHS518 Manage WHS hazards associated with maintenance and use of plant

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package Version 5.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, and to:

- develop and implement work health and safety (WHS) related risk controls for at least two different items of plant according to the hierarchy of control measures, WHS legislative requirements and organisational policies and procedures
- identify and manage licensing and training requirements associated with at least two different items of plant.

During the above, the candidate must:

- manage effective identification of hazards
- communicate, according to established protocols, to:
 - advise relevant personnel of their rights, obligations, and duties in relation to hazards and risk controls associated with plant
 - seek specialist advice as required.
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Knowledge Evidence

The candidate must demonstrate the knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit. This includes knowledge of:

- key features of WHS Acts, regulations, codes of practice and other instruments issued by WHS regulators relating to managing WHS hazards associated with plant, including role and duty of persons conducting a business or undertaking (PCBUs)
- organisational WHS policies, procedures, processes and systems relating to hazard management process, including:
 - identifying and accessing internal and external sources of WHS information and data
 - inspecting plant and its use
 - consulting with internal and external personnel

- recording and reporting identified WHS hazards
- recording and reporting risk assessment outcomes and risk controls
- developing risk controls and monitoring the effectiveness of their implementation
- documenting registration, licensing and certification requirements
- monitoring and reporting compliance with regulatory requirements for registration, licensing and certification
- basic principles of incident causation and injury processes relating to plant
- differences between a hazard and a risk
- factors that impact on risk
- hierarchy of control measures and its use in choosing between different risk controls
- strategies for identifying risk controls and monitoring their effectiveness, including:
 - workplace inspections
 - robotic and technological processes, and their potential risks and limitations
 - review of adequacy of plant operating procedures
- high-risk work licences required for specific plant
- methods for providing evidence of compliance with WHS laws
- plant-specific knowledge:
 - basic physics of fluids under pressure and pressure vessels, and behaviour of pressurised fluid when pressure is released
 - hazards associated with plant
 - 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
- risk controls relating to operation of plant, including:
 - strategies for guarding moving parts in machinery
 - access and egress
 - dangerous parts
 - emergency stops and warning devices
- WHS-related training requirements for plant operators relating to:
 - items of new plant
 - new or changed systems of work associated with plant.
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Assessment Conditions

Assessment must comply with WHS laws, legal responsibilities and duty of care required for this unit. It must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities undertaken by individuals carrying out WHS duties in the workplace, and must include access to:

- WHS laws, and organisational policies and procedures required to demonstrate the performance evidence
- sources of information, data and advice in relation to plant hazards

- workplace equipment and resources, including manufacturer manuals, specifications, and operational information and data
- case studies and, where possible, real situations
- opportunities for interaction with others.

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are available from VETNet -

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