



Australian Government

BSBWHS531 Implement and evaluate system of work for managing hazardous chemicals

Release: 1

BSBWHS531 Implement and evaluate system of work for managing hazardous chemicals

Modification History

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

Application

This unit describes the skills and knowledge required to implement a system of work for managing the use, handling, processing, storage, transportation and disposal of hazardous chemicals in the workplace; and to verify and validate the effectiveness of that system and the control methods in place against safety data sheet (SDS) requirements. The unit includes the application of the hierarchy of control measures, and applicable legislative requirements and licensing conditions imposed on the workplace in managing these hazardous chemicals.

The unit applies to those accountable for ensuring that a system of work is in place for managing hazardous chemicals in a specified work area. The system of work to be implemented protects all those potentially at risk in the workplace from exposure to hazardous chemicals, including internal and external personnel.

NOTES

1. 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 *model WHS laws* have not been implemented, registered training organisations (RTOs) are advised to contextualise this unit of competency by referring to existing WHS legislative requirements.
2. The *model WHS laws* include the model WHS Act, model WHS Regulations and model WHS Codes of Practice. See Safe Work Australia for further information.

No licensing, legislative 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

ELEMENTS	PERFORMANCE CRITERIA
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ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to implement safe system of work to manage hazardous chemicals in work area	1.1 Identify hazardous chemicals in work area according to legislative requirements and workplace procedures 1.2 Check that hazardous chemicals register and SDSs contain required information about identified chemicals 1.3 Consult with required personnel to address any identified deficiencies and update hazardous chemicals register and safe work method statements (SWMSs) according to legislative requirements 1.4 Assess risks associated with identified hazardous chemicals and their use, handling, processing, storage, transportation and disposal
2. Implement and monitor system of work for managing hazardous chemicals in work area	2.1 Establish suitable control methods and incident action plans within work area, consulting with required personnel and seeking external specialist advice as required 2.2 Communicate established control methods and incident action plans to required personnel according to legislative requirements and workplace procedures 2.3 Monitor work area activities, processes and procedures for compliance with established control methods, and SDSs and SWMSs requirements according to workplace procedures 2.4 Adjust system components in response to identified deficiencies, within scope of own role, or escalate with suitable personnel, according to workplace procedures
3. Verify and validate system effectiveness in managing hazardous chemicals in work area	3.1 Monitor work area safety records and information against expected benchmarks according to workplace procedures 3.2 Seek feedback from suitable personnel to inform system verification and validation process 3.3 Document outcomes of, and recommendations arising from, system verification and validation process according to legislative requirements and workplace procedures 3.4 Report outcomes of system verification and validation process to required personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	- Interprets and critically analyses texts when managing hazardous chemicals - Applies appropriate strategies to construct meaning from texts to assist in handling and storing hazardous chemicals
Writing	- Updates hazardous chemicals registers, SWMS, reports and associated documentation according to organisational requirements - Uses vocabulary, grammatical structure and conventions appropriate to text when developing documentation
Oral communication	- Asks questions and actively listens to gather information about potential risk situations - Provides information before, during and after hazardous chemicals situations using structure and language appropriate to the audience
Navigate the world of work	- Contributes to broader goals in hazardous chemicals exposure contexts - Identifies own legal rights and responsibilities as well as general legal principles in relation to hazardous chemicals - Keeps up to date on changes to WHS laws relevant to own role and responsibilities, and considers their implications in hazardous chemical contexts
Interact with others	- Collaborates with others to achieve joint outcomes, playing an active role in facilitating effective group interaction - Takes a leadership role, as required, in supporting, consulting and liaising on hazardous chemicals incidents
Get the work done	Uses decision-making processes: sets and clarifies goals, gathers information, and identifies and evaluates several choices to determine appropriate storage and handling of hazardous chemicals

Unit Mapping Information

No equivalent unit. New unit.

Links

Companion Volume Implementation Guides are available from VETNet -

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

Assessment Requirements for BSBWHS531 Implement and evaluate system of work for managing hazardous chemicals

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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:

- implement a system of work for managing hazardous chemicals in one work area
- verify and validate effectiveness of the implemented system of work.

During the above, the candidate must:

- interpret requirements in safety data sheets (SDSs) and safe work method statements (SWMSs) relating to the hazardous chemicals identified in work area
- select applicable higher-level controls.
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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:

- safe system of work for managing hazardous chemicals:
 - SDS and SWMS requirements relating to hazardous chemical use
 - SDS requirements relating to hazardous chemical storage, transport and disposal
 - control methods, including personal protective equipment (PPE) requirements
- workplace procedures for:
 - identifying hazards and assessing risk associated with hazardous chemicals
 - selecting suitable control methods and incident action plans
 - monitoring work area activities for compliance with selected controls and plans
- key principles of the hierarchy of control measures in eliminating or minimising exposure to hazards from chemicals
- standards, legislative requirements and licensing conditions applicable to work area for managing hazardous chemicals, including:

- Act/s pertaining to dangerous goods in the state or territory of operation, including transport and storage requirements
- globally harmonised system of classification and labelling of chemicals (GHS): chemical classification and labelling requirements and protocols
- environmental effects of hazardous chemicals in work area and disposal considerations set out in applicable SDSs
- work area safety records and information to verify and validate effectiveness of system of work:
 - health records
 - first aid records
 - workplace exposure monitoring data.
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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:

- workplace equipment and resources
- WHS laws, and organisational policies and procedures required to demonstrate the performance evidence
- 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

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