

Unit of Competency CPCWHS3001

Identify construction work hazards and select risk control strategies

Application

This unit of competency specifies the skills and knowledge required to participate in preparing a job safety analysis (JSA) for general hazards, and a safe work method statement (SWMS) for high risk work hazards on construction sites as specified in work health and safety (WHS) legislation. It includes meeting all relevant requirements of the National Construction Code (NCC), Australian Standards and Commonwealth and state or territory legislation.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

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

Prerequisite Unit

Nil

Elements and Performance Criteria

1. Plan and prepare.	1.1	Review job task, work site and compliance requirements.
	1.2	Select and use personal protective equipment (PPE) for each part of the task.
	1.3	Inspect work site and identify hazards relevant to job task.
	1.4	Determine and record level of risk for each identified hazard.
2. Prepare and implement job safety analysis (JSA).	2.1	Review requirements of work health and safety legislation for preparation of job safety analysis (JSA) using template.
	2.2	Break job task into logical steps, determine tools, equipment, plant and materials to be used for each step, and record on JSA.
	2.3	Identify work site and task-related hazards and levels of risk relating to each step, and record on JSA.
	2.4	Apply hierarchy of controls to determine risk control strategies for each hazard in each step of the job task, discuss and confirm with relevant personnel, and record on JSA.
	2.5	Review work site and job task immediately before starting work and discuss JSA with relevant personnel to confirm as still applicable, or to amend as required.
	2.6	Store JSA securely on site in accordance with compliance requirements.
3. Prepare and implement safe work method statement (SWMS) for high risk work.	3.1	Review requirements of work health and safety legislation for preparation of safe work method statements (SWMS).
	3.2	Determine work site conditions and job task requirements.
	3.3	Determine and record high-risk work site and task hazards relevant to job task.
	3.4	Break job task into logical steps, determine tools, equipment and materials to be used for each step, and record on SWMS.
	3.5	identify high-risk work site and task-related hazards and levels of risk relating

	to each step, and record on SWMS.
3.6	Apply hierarchy of controls to determine risk control strategies for each high-risk hazard in each step of the job task, discuss and confirm with relevant personnel, and record on SWMS.
3.7	Review work site and job task immediately before starting work and discuss SWMS with relevant personnel to confirm as still applicable, or to amend as required.
3.8	Store SWMS securely on site in accordance with compliance requirements.

Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCWHS3001 Identify construction work hazards and select risk control strategies.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCWHS3001 Identify construction work hazards and select risk control strategies

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by:

- ———developing, in consultation with relevant personnel, two Job Safety Analysis (JSA) for general hazards. Each JSA should be for a different job task and on a different work site.
- revising a JSA prior to starting work, identifying changed conditions and where appropriate, amending the JSA to reflect changed hazards and risk control strategies
- developing, in consultation with relevant personnel, two Safe Work Method Statements (SWMS) for high-risk work. Each SWMS should be for a different job task and on a different work site.
- revising a SWMS prior to starting work, identifying changed conditions and where appropriate, amending the SWMS to reflect changed hazards and risk control strategies.

All work must be performed to the standard required in the workplace and must meet the requirements of work health and safety (WHS), the National Construction Code (NCC), Australian Standards, Commonwealth and state or territory legislation, manufacturers' specifications, and environmental plans and obligations.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- Australian standards, industry guidelines, National Construction Code requirements, and codes of practice, including the Model Code of Practice for Construction Work when identifying construction site hazards and selecting risk control strategies
- format and content requirements for JSAs and SWMSs:
 - o environmental requirements
 - o public health and safety requirements
 - o WHS requirements, including safe operating procedures
 - o safety data sheets (SDS)
 - o taking into account other work going on near the work area
 - o common hazards and causes of incidents and near misses on construction sites
 - o compliance requirements in relation to identified job tasks and work sites
 - o construction hand and power tools, and equipment relevant to the identified job tasks, and requirements for their safe handling and operation
- processes for preparing SWMSs for high risk work in the construction industry:
 - o principles and application of the hierarchy of controls
 - o purpose and application of SDS when working with different materials
 - o risk management strategies relevant to identified job tasks specified in the performance evidence

- o types of construction methods and materials used in both general hazards and high-risk construction work and risk factors inherent in their use and application
- o use and meaning of construction terminology used on construction work sites relevant to identifying site hazards and selecting suitable risk control strategies.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>