



Australian Government

CPCSIL2002 Use and maintain respiratory protective equipment

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Modification History

Release	Comments
1	This unit of competency was first released in CPC Construction, Plumbing and Services Training Package Release 11.0.

Application

This unit of competency specifies the skills and knowledge required to use and maintain respiratory protective equipment (RPE), in the workplace.

The unit includes preparing for the use of RPE, correctly fitting and using equipment, and cleaning, inspecting, and storing RPE after use.

The unit is suitable for those working with products and materials containing crystalline silica (CS) or removing asbestos and using RPE to mitigate exposure to respirable crystalline silica (RCS) and other dust particles that are a health hazard.

Licensing/Regulatory Information

Licensing, legislative, regulatory or certification requirements may apply to this unit. Relevant work health and safety (WHS) state and territory regulatory authorities should be consulted to confirm jurisdictional requirements.

Pre-requisite unit(s)

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

Competency field(s)

Silica Safety

Unit sector(s)

Building and Construction

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe what needs to be done to demonstrate achievement of the element.</i>
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1. Prepare and plan to use RPE.	1.1 Check for RCS and asbestos hazards and risks to be managed, including whether RPE is required in accordance with worksite WHS procedures.
	1.2 Confirm scope of work and identify required RPE to perform work in accordance with WHS procedures.
	1.3 Review WHS procedures and manufacturer instructions to identify any additional training required to use RPE for the work activity.
2. Use required RPE.	2.1 Select and check serviceability of RPE in accordance with WHS procedures and manufacturer instructions.
	2.2 Confirm that a successful individual quantitative facial fit test has been undertaken with the selected RPE prior to use according to Australian Standards.
	2.3 Conduct fit-check before each use of RPE in accordance with WHS procedures and manufacturer instructions.
	2.4 Use, don and doff required RPE in accordance with WHS procedures and manufacturer instructions.
3. Maintain RPE.	3.1 Dispose of used disposable RPE in accordance with WHS procedures and manufacturer instructions.
	3.2 Clean, inspect, assess for serviceability, and store reusable RPE in accordance with WHS procedures and manufacturer instructions.
	3.3 Record and report findings of serviceability inspections in accordance with WHS procedures and manufacturer instructions.

Foundation skills

Skill	Description
Numeracy	Interprets basic numerical information such as filter expiry dates, battery charge levels and manufacturer specifications relevant to RPE serviceability and safe use.

Range of conditions

N/A

Assessment Requirements for CPCSIL2002 Use and maintain respiratory protective equipment

Performance Evidence

A person demonstrating competency in this unit must satisfy the requirements of the elements and performance criteria of this unit.

Specifically, the candidate must:

- check serviceability, clean, maintain, use and store three different types of respiratory protective equipment (RPE), including a powered air purifying respirator, in accordance with manufacturer instructions.
- confirm fit test of RPE relevant for use with crystalline silica (CS) and asbestos.
- record and report findings of serviceability inspections.

Knowledge Evidence

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

- work health and safety (WHS) risks working with products and materials containing CS or asbestos
- range of fit-for-purpose types of RPE
- types of RPE, including:
 - disposable
 - half-face reusable
 - full-face reusable
 - powered air purifying respirators
- RPE manufacturer instructions
- characteristics, limitations and application of RPE and factors affecting effectiveness of RPE such as beards and facial hair, sweat due to heat and humidity, and the requirement for a clean-shaven face when using tight-fitting models to ensure an effective seal
- the possible health implications of incorrect use of RPE
- compatibility of RPE with other personal protective equipment (PPE)
- RPE types compliant with Australian Standards, and their selection, use and maintenance in accordance with relevant Australian Standards
- RPE fit checking and fit testing requirements, according to manufacturer instructions

- maintenance and inspection requirements of RPE, including replacement of filters and batteries, and repair or replacement of RPE
- WHS recording and reporting requirements.

Assessment Conditions

Candidates must be provided with access to:

- appropriate documents, materials, tools, RPE and other PPE currently approved for use in industry
- relevant codes of practice, Australian Standards, requirements of legislation, regulations and requirements of workplace policies and procedures as required by Commonwealth, state and territory regulators.

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
CPCSIL2001 Use and maintain respiratory protective equipment	Not equivalent	Edits to application, performance criteria, performance evidence, knowledge evidence, and assessment conditions.

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/CPC>.