



Australian Government

CPCSIL3001 Work with products and materials containing crystalline silica

Release: 1

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Modification History

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 8.0.
Newly created unit.

Application

This unit of competency specifies the skills and knowledge required to work with products and materials containing crystalline silica (CS) and respirable crystalline silica (RCS).

The unit includes preparing for and identifying tools and equipment, including personal protective equipment (PPE) and respiratory protective equipment (RPE) to be used while working with products and materials containing CS.

The unit also covers the review of working with products and materials containing CS.

Worksites may be in factory or workshop settings or commercial and residential settings, and/or construction sites, including demolition sites.

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

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

Unit Sector

Building and Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Prepare to handle products and materials containing CS. | 1.1 Interpret work requirements and instructions to handle identified products containing CS. |
| | 1.2 Seek feedback from supervisor when CS content of |

product or material is unknown or unclear.

- 1.3 Read and interpret the technical specifications for the products or materials containing CS to identify the nature of the product, risk level, risk controls and personal exposure reduction requirements.
 - 1.4 Participate in consultations on matters affecting health and safety with respect to exposure to RCS.
 - 1.5 Classify level of exposure risk to airborne RCS for identified products and materials, including likely duration of exposure.
 - 1.6 Select plant, tools, equipment, PPE and RPE required to perform specified task in accordance with the hierarchy of controls and regulatory requirements.
 - 1.7 Review the relevant safety documentation for planned work activity and work environment and contribute where required.
 - 1.8 Check operation and serviceability of relevant plant, tools, equipment, PPE and RPE to perform the work activity in accordance with WHS procedures and manufacturer instructions.
 - 1.9 Report any faults and damage to relevant plant, tools, equipment, PPE and RPE in accordance with WHS procedures.
- 2 Perform work.
- 2.1 Inspect worksite, locate services, assess hazards and apply risk controls, including required signage and barricades.
 - 2.2 Perform fit checking of RPE in accordance with manufacturer instructions and WHS procedures.
 - 2.3 Confirm risk control measures for planned work are in place in accordance with WHS procedures and manufacturer instructions.
 - 2.4 Use plant, tools, equipment, PPE and RPE required to perform specified task in accordance with WHS procedures and manufacturer instructions.
 - 2.5 Perform work activities and continual monitoring of risk

control measures in accordance with WHS procedures.

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| 3 | Perform maintenance activities and clean-up of work area. | 3.1 | Identify PPE and RPE maintenance, storage and waste disposal requirements in accordance with manufacturer instructions and WHS procedures. |
| | | 3.2 | Clean up and dispose of dust and slurry from work area in accordance with WHS procedures. |
| | | 3.3 | Clean, inspect and determine serviceability of PPE, RPE, tools and equipment in accordance with WHS procedures and manufacturer instructions. |
| | | 3.4 | Apply maintenance requirements and record and report findings of serviceability inspections in accordance with WHS procedures and manufacturer instructions. |
| | | 3.5 | Store and secure relevant tools and equipment in accordance with WHS procedures. |
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| 4 | Review working with products containing CS. | 4.1 | Assess effectiveness of the use of relevant tools, equipment, PPE and/or RPE in mitigating exposure risk. |
| | | 4.2 | Record and report on WHS incidents resulting from work activities using products and materials containing CS. |
| | | 4.3 | Record and report on findings of handling and use of products and materials containing CS as part of workplace continuous improvement and WHS processes and requirements. |

Foundation Skills

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

Unit Mapping Information

Newly created unit.

Links

Companion volumes to this training package are available at the VETNet website -

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