



CPCSIL3001 - Work with Products and Materials Generating Respirable Crystalline Silica

CPCCWHS2001 - Apply WHS Requirements, Policies and Procedures in the Construction Industry

CPCSIL3001 – WORK SAFELY WITH PRODUCTS AND MATERIALS GENERATING RESPIRABLE CRYSTALLINE SILICA, INCORPORATING THE PREREQUISITE CPCCWHS2001 – APPLY WHS REQUIREMENTS, POLICIES AND PROCEDURES IN THE CONSTRUCTION INDUSTRY, IS A NATIONALLY RECOGNISED TRAINING PATHWAY THAT PROVIDES WORKERS WITH THE ESSENTIAL KNOWLEDGE AND PRACTICAL SKILLS TO SAFELY PERFORM TASKS INVOLVING SILICA-CONTAINING MATERIALS IN CONSTRUCTION AND RELATED INDUSTRIES. CPCCWHS2001 ESTABLISHES THE FOUNDATIONAL UNDERSTANDING OF WORKPLACE HEALTH AND SAFETY RESPONSIBILITIES, INCLUDING HAZARD IDENTIFICATION, RISK ASSESSMENT, USE OF PPE, AND COMPLIANCE WITH WHS LEGISLATION AND SITE PROCEDURES, WHILE CPCSIL3001 BUILDS ON THIS FOUNDATION BY FOCUSING SPECIFICALLY ON IDENTIFYING CRYSTALLINE SILICA HAZARDS, INTERPRETING SAFETY DATA SHEETS, SELECTING AND USING APPROPRIATE TOOLS, PPE AND RESPIRATORY PROTECTIVE EQUIPMENT, APPLYING EFFECTIVE RISK CONTROLS, AND CARRYING OUT SAFE WORK, CLEAN-UP, AND MAINTENANCE PRACTICES TO MINIMISE EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA. TOGETHER, THESE UNITS SUPPORT LEGAL COMPLIANCE, REDUCE HEALTH RISKS SUCH AS SILICOSIS, PROMOTE CONSISTENT SAFE WORK PRACTICES, AND HELP WORKERS CONFIDENTLY MEET SITE AND REGULATORY SILICA SAFETY REQUIREMENTS ACROSS CONSTRUCTION, DEMOLITION, MANUFACTURING, AND WORKSHOP ENVIRONMENTS.



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CPCSIL3001 Work with Products and Materials Generating Respirable Crystalline Silica



CPCSIL3001 Release #: 1 | Release Date: 15/09/2022

CPCWHS2001 Release #: 2 | Release Date: 22/12/2024

Course Description

CPCSIL3001 – Work with Products and Materials Generating Respirable Crystalline Silica

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.

CPCWHS2001 – Apply WHS Requirements, Policies and Procedures in the Construction Industry

This unit specifies the outcomes required to carry out work health and safety (WHS) requirements through safe work practices in all on- or off-site construction workplaces.

It requires the performance of work in a safe manner through awareness of risks and work requirements, and the planning and performance of safe work practices with concern for personal safety and the safety of others.

The unit covers fundamental WHS requirements necessary to undertake work tasks within any sector in the construction industry. It includes the identification of hazardous materials, including asbestos, and compliance with legislated work safety practices. It does not cover removal of asbestos, which is a licensed activity.

It applies to workers in the construction industry.

This unit also relates directly to the general construction induction training requirements of the Model Work Health and Safety Regulations 2011 and relevant occupational health and safety regulations for Victoria and for Western Australia. Achievement of [CPCWHS1001](#) *Prepare to work safely in the construction industry* covers these induction training requirements.

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

Target Cohort / Entry Requirements

This course is intended for:

- Construction workers and tradespeople involved in cutting, grinding, drilling, polishing or handling silica-containing materials on site
- Apprentices and new entrants to the construction industry who require foundational WHS knowledge and silica-specific safe work practices
- Workers in demolition, manufacturing, fabrication, or workshop environments where silica-containing products are used or processed
- Employees required to comply with WHS policies and site procedures, including correct use of PPE and respiratory protective equipment (RPE)
- Anyone identified by a PCBU as being at risk of exposure to RCS and needing approved silica safety training to meet WHS and regulatory obligations

Entry requirements may include:

- There are no formal entry requirements for this qualification/unit.
- Language, literacy, numeracy and digital skills (LLND test may apply)
- Minimum age of 18 (If under 18 parental consent is required).
- All students participating in VET qualifications are required to have a Unique Student Identifier (USI).
- The RTO will provide the prospective student with a Course Suitability Checklist that will help the student and the Trainer / Assessor if the course is relevant and applicable to students' needs.
- The RTO will provide constructive and honest feedback to the prospective student if it is decided that the VET student does not yet have the LLN+D skills or meet the entry requirements to cope with the rigor of the training and assessment material and process.

Selection Criteria

Learners should demonstrate:

- Reading and writing ability in varied contexts
- Oral communication and comprehension skills
- Basic numeracy and mathematical problem-solving

Course Duration & Delivery

- **Delivery Mode:** Face-to-face
- **Delivery Location:** 1/6 Pippita Close Beresfield NSW 2322
- **Duration:** 8 hours (1 day)

Assessment Information

Assessment methods may include:

- Written tasks
- Practical demonstrations
- Simulated tasks

Resources to be provided by the VET Student

- Transport to training facility.
- Appropriate clothing, closed-in footwear.
- Students will be required to provide their own digital devices, able to access reliable internet

Resources and services to be provided by the RTO

- A safe, inclusive and engaging learning environment.
- Pre-enrolment processes to ensure the course is appropriate and suitable for VET Students' needs.
- Access to LMS with personal secure login
- All Learning and Assessment resources.
- Public liability Insurance Cover (for on- and off-site training).
- Risk assessed facilities, equipment and processes for safety and duty of care, including accessibility.
- Policies and procedures to ensure and monitor delivery of high-quality services.

Course Fees

- **Total Course Fee:** \$499.00 per person

Please note all course fees must be paid before issuing qualifications.

Refund Policy

Refer to the Enrolment Agreement or Student Handbook for full terms, including refund conditions and withdrawal procedures. This can be accessed via the website <https://newcastlerescue.com.au/resources/>.

Support Services

All students have access to:

- LLND support.
- Wellbeing and counselling referral.
- Trainer support (via email enquiries@newcastlerescue.com.au, phone 1300 356 686, or online platform <https://newcastlerescue.com.au/resources/>).
- The enrolment application process identifies any support needs and possible matters which may impact training and assessment via the Suitability Checklist.
- Contextualisation and additional support needs are reviewed for reasonable adjustment and implementation prior to training commencement.
- Support, progression and adjustments are reviewed throughout the nominal duration of the training.

Recognition of Prior Learning (RPL) & Credit Transfer

All students may apply for RPL or Credit Transfer.

More information is available in the Student Handbook or from Newcastle Rescue and Consultancy Pty Ltd and RTO Website <https://newcastlerescue.com.au/resources/>.

Units of Competency

Code	Title
CPCSIL3001	Work with Products and Materials Generating Respirable Crystalline Silica
CPCCWHS2001	Apply WHS Requirements, Policies and Procedures in the Construction Industry

The RTO reserves the right to adjust elective units to meet training package requirements.

Please refer to the Enrolment Form, for the terms and conditions of enrolment, which includes Enrolment and Selection; Training Guarantee; Course Fees, Payments and Refunds; Course Fees paid in Advance; Recognition of Prior Learning (RPL) or Credit Transfer