

# MANAGING RESPIRABLE CRYSTALLINE SILICA OBLIGATIONS

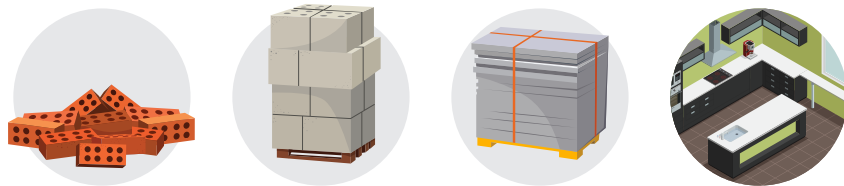
## EXPERT SERVICES ONLINE SOLUTIONS TRAINING

Asbestos & Hazardous Materials  
Occupational Hygiene  
Property Risk  
Health & Safety  
Environmental Management  
Contaminated Land  
Emergency Management

RESPIRABLE CRYSTALLINE SILICA (RCS) IS A CATEGORY A1 CARCINOGEN THAT IS FOUND IN MANY DIFFERENT MATERIALS

## What is Respirable Crystalline Silica (RCS)?

Respirable Crystalline Silica (RCS) is a carcinogen found in many different materials such as bricks, tiles, aggregates, mortar, concrete, shale, engineered & natural stone products, sandstone, and fibre cement sheeting.



RCS is found in various industries, such as construction and manufacturing, and in the Engineered Stone Industry (stone benchtop fabricators have abnormally high rates of work-related silicosis).

## Regulations



To assist Victorian fabricators to better understand their obligations, in February 2020, WorkSafe Victoria released the *Compliance Code – Managing Exposure to Crystalline Silica: Engineered Stone*.

This provides practical guidance to manufacturers, suppliers, and fabricators on how to comply with your Regulatory obligations under the Occupational Health & Safety legislation.

Regulatory obligations include:

View in a language other than English:



Ελληνικά  
Tiếng Việt  
中文  
العَرَبِيَّة

  
Workplace Exposure  
Standard reduced  
from 0.1mg/m<sup>3</sup> - 0.05mg/m<sup>3</sup>

  
Respirable Dust Monitoring,  
(static and personal)  
required at least once  
every 6 months

  
Uncontrolled dry-cutting  
of manufactured stone  
products prohibited

  
RCS Dust  
Control Plans  
now required

  
Greater focus on  
consulting with  
workers and the  
role of workers

  
Induction,  
information,  
training and  
supervision  
to workers required

  
Health  
Surveillance  
required  
(pre, during and  
post-employment)

For further information please email: [healthandsafety@greencap.com.au](mailto:healthandsafety@greencap.com.au)  
or call the Melbourne Office direct on: 03 9896 8600

ABN 76 006 318 010

Adelaide | Auckland | Brisbane | Canberra | Darwin | Geelong | Melbourne | Perth | Sydney | Wollongong

*RCS air monitoring should be conducted for each worker involved in Engineered Stone fabrication, as well as those personnel that have the potential to be exposed to respirable crystalline silica.*

## Contact Grencap

### \*Grencap Melbourne

Level 1 / 677 High Street,  
Kew East VIC 3102  
03 9896 8600

Visit the Grencap website for locations in other states.

Find out more information about respirable crystalline silica (RCS), your legal responsibilities and the steps you can take to keep yourself and your workers safe.

Email / Phone via the details below, or visit:  
[grencap.com.au](https://grencap.com.au)

## How can Grencap help?

As an industry leader in occupational hygiene risk mitigation, Grencap will work with you to ensure your Regulatory Duties & Responsibilities are being met, by:

- Undertaking background air monitoring
- Observing your safe systems of work, fabricator processes and worker application
- Reviewing your Safety Management System, including Policies and Procedures, SWMS, RCS Management Plan, and Health Surveillance records
- Reviewing your onsite installation practices (requires an onsite install on the day of audit)
- Providing a detailed report on our observations, including Workplace Exposure Letters for monitored employees that can be used for Regulatory evidence

### Benefits include:



**Compliance Review**  
*undertaken by an independent and competent occupational hygienist*



**Baseline Assessment**  
*of your risk mitigation and dust suppression measures*



**Confirmation**  
*that you and your workers are operating safely*

## Costs

Grencap has implemented a standardised costing model, with a fixed audit cost of \$2,970.00+GST, which includes:

- Project Management
- One (1) x 10 hour site audit + monitoring as per below
  - 1 hour - equipment calibration / configuration / worker setup
  - Up to 8 hours of air monitoring
  - 1 hour - equipment demobilisation / worker debrief
- Reporting, Quality Assurance and Statistical Analysis
- Workplace Exposure Letters

### Lab Costs

RCS air monitoring should be conducted for each worker involved in Engineered Stone fabrication, as well as those personnel that have the potential to be exposed to Respirable Crystalline Silica (RCS) and Respirable Dust (RD). Static samples should be taken at each process location.

- Static and Personal RCS air monitoring lab analysis - \$65.00 + GST per sample
- Static and Personal RD air monitoring lab analysis - \$20.00 + GST per sample

### Travel & Logistics

Return from Grencap*	Cost
<50km	No cost
50-100km	\$315.00+GST
>100km	Travel time at \$155.00+GST per hour + kms @ \$0.75 per km
Logistics	Cost + 15%

### Additional Services

Grencap can provide the following services relevant to Engineered Stone Fabricators:

- Dust Control Plans
- Occupational Health, Hygiene & Wellbeing Management Plans
- Occupational Noise Assessments
- Respirator Fit Testing

For further information please email: [healthandsafety@grencap.com.au](mailto:healthandsafety@grencap.com.au)  
or call the Melbourne Office direct on: **03 9896 8600**

ABN 76 006 318 010

Adelaide | Auckland | Brisbane | Canberra | Darwin | Geelong | Melbourne | Perth | Sydney | Wollongong