

SILICA COMPLIANCE PACK - SWMS & RISK CONTROL PLAN

Working with or around respirable crystalline silica dust

Job: Sample bathroom tile removal and replacement

Job ID: 999

Date: 01 June 2026

SAMPLE ONLY: This document is provided as a preview of the SilicaReady report format. It must not be used as a site SWMS, silica risk control plan, worker briefing or compliance document. Purchased packs are generated from job-specific intake information.

PROJECT DETAILS

Company	Sample Tiling Pty Ltd	ABN	00 000 000 000
Business contact	Sample Contact	Phone / email	0400 000 000 / sample@example.com
Project / job	Sample bathroom tile removal and replacement		
Job address	Sample Site Address, Brisbane QLD		
Principal contractor	Sample Builder Pty Ltd	Site supervisor/contact	Sample Site Supervisor / 0400 000 000
Project type	Bathroom renovation / tile replacement	Start / duration	01 June 2026 / 3 days
Work activity	Working with or around materials that may contain crystalline silica. Tasks: Cutting, Drilling, Demolition, Removing old tiles.		
Materials	Tiles, Concrete, Mortar / render		
High-risk construction work	Silica dust may contaminate the work atmosphere; confirm on site.		

SITE MANAGEMENT PLAN / SITE CONDITIONS

Construction project?	Yes	Site management plan?	Yes
Site induction required?	Yes	Work environment	indoor
Water available?	Yes	Power available?	Yes
Occupied / nearby workers?	Occupied: Yes; Nearby: Yes	Exclusion zone possible?	Yes

PERSONAL PROTECTIVE EQUIPMENT / RPE

<input checked="" type="checkbox"/> Steel cap boots	<input checked="" type="checkbox"/> Eye protection	<input checked="" type="checkbox"/> Hearing protection	<input checked="" type="checkbox"/> Protective gloves
<input checked="" type="checkbox"/> Hi-vis clothing	<input checked="" type="checkbox"/> P2 disposable respirator		
Respirator type	P2 disposable respirator	Fit testing confirmed	No / not confirmed
Clean shaven confirmed	Yes	RPE / health register	Yes

CRITICAL HOLD POINTS

Mandatory RPE hold point: Tight-fitting RPE has been selected but fit testing has not been confirmed. Dust-generating work must not commence until workers using tight-fitting RPE have completed fit testing and are clean-shaven in the seal area, or suitable alternative controls are implemented, such as loose-fitting powered air-purifying respirators (PAPR) or higher-level engineering controls.

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What is RCS?	Respirable crystalline silica dust can be generated when silica-containing materials are cut, ground, drilled, chased, crushed, demolished or cleaned up. The respirable fraction is fine enough to enter deep into the lungs.
Hierarchy of controls	Controls must prioritise elimination/substitution where possible, followed by engineering controls such as wet methods and dust extraction, administrative controls such as exclusion zones and signage, and finally PPE/RPE.
Strictly prohibited	<ul style="list-style-type: none"> • Uncontrolled dry cutting, grinding or drilling. • Using compressed air or blowers to clean silica dust from surfaces, tools, clothing or PPE. • Allowing unnecessary workers or public access into the dust-producing area. • Disposing of dry silica dust or vacuum waste without containment. • Continuing work when water suppression, extraction or RPE controls are not in place.

REFERENCE DOCUMENTS

1	Work Health and Safety Act 2011 (QLD)
2	Work Health and Safety Regulation 2011 (QLD)
3	Managing respirable crystalline silica dust exposure in construction and manufacturing of construction elements Code of Practice 2022 (QLD)
4	WorkSafe Queensland guidance: regulation on processing crystalline silica substances
5	Safe Work Australia guidance: working with crystalline silica substances

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Emergency contact	000	Site manager/contact	Sample Site Supervisor / 0400 000 000
First aid kit	To be confirmed by site supervisor before work starts	First aid officer	To be confirmed by site supervisor before work starts
Nearest hospital	To be confirmed by site supervisor before work starts		
Vacuum bag / dust spill response	Stop work, isolate the area, keep workers clear, wear required RPE/PPE, prevent dust spread, use wet clean-up or suitable M/H-class vacuum method, contain waste, and review controls before restarting.		

PLANT, TOOLS AND EQUIPMENT REGISTER

Equipment	Inspection required	Test/tag status	OK before use
Wet tile saw	Yes	To be confirmed before use	To confirm
angle grinder with dust shroud	Yes	To be confirmed before use	To confirm
rotary hammer drill	Yes	To be confirmed before use	To confirm
M-class vacuum	Yes	To be confirmed before use	To confirm

TRAINING, COMPETENCY AND INDUCTION

Requirement	Status / action required
Construction Induction Card / White Card	Must be confirmed before work starts
Silica dust hazard and control briefing	Required before dust-generating work starts
RPE use, fit check, maintenance and storage instruction	Required for all workers using RPE
M/H-class vacuum, extraction system or water suppression instruction	Required for nominated controls

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Planning / preparation	<ul style="list-style-type: none"> • Liaise with the principal contractor or site contact to identify site safety systems and procedures. • Confirm site induction, emergency response arrangements and communication method. • Confirm material type, task sequence, tools, controls and waste disposal method before work starts. • Confirm water, power, extraction equipment, RPE and exclusion zone requirements before dust-generating work starts.
Hold points	<ul style="list-style-type: none"> • Do not commence dust-generating work until controls are confirmed. • Stop and review if visible dust is generated or controls are not effective. • Stop and review if site conditions change from the submitted intake information. • Stop and review if additional hazards, incidents, near misses or non-conformances occur.
Waste disposal	Sample waste plan. Purchased packs include job-specific waste controls.

MONITORING, REVIEW AND CORRECTIVE ACTION

Monitor / review	<ul style="list-style-type: none"> • All workers involved in the task must have this SWMS communicated before work starts. • Supervisor must monitor work against the controls in this SWMS. • Review controls if visible dust is generated, site conditions change, or controls are not effective. • Review and amend this SWMS after any incident, near miss, new hazard, non-conformance or change in task. • Keep this SWMS available on site for inspection and review.
Corrective action statement	Works must cease and the SWMS must be reviewed and revised if a control measure does not control the risk so far as reasonably practicable, if a new hazard is identified, if workplace conditions change, or if an incident, near miss or non-conformance occurs.

AIR MONITORING TRIGGER

If workers, the supervisor, the PCBU or the principal contractor are not certain on reasonable grounds that the workplace exposure standard is not being exceeded, work must stop or be reviewed and air monitoring must be arranged by a competent person / occupational hygiene professional.

LIMITATIONS

This document has been generated from client-supplied job information and admin-reviewed before release. It does not certify legal compliance and does not replace the PCBU's duties, competent WHS advice, worker consultation, site supervision, verification of controls, SDS review, air monitoring where required, or health monitoring where required.

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Score	Action
4A - Acute	Do not proceed until risk level is reduced. Immediate action and high-level controls required.
3H - High	Re-assess before commencing. Controls must be monitored frequently.
2M - Moderate	Maintain control measures. Monitor and review regularly.
1L - Low	Record and monitor. Proceed with work and review if conditions change.

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SWMS RISK REGISTER

Job step	Task / activity	Hazards / risks	RB	Control measures	RA	Responsible
Operation	Cutting, grinding, drilling or mechanical processing	Generation of respirable crystalline silica dust during processing of silica-containing materials.	4A	<ul style="list-style-type: none"> Use water suppression / wet methods where suitable. Use on-tool dust extraction and suitable M/H-class vacuum. Establish exclusion zone and restrict access. Additional job-specific controls are included in the purchased pack. <div style="border: 1px solid orange; padding: 2px; margin-top: 5px;"> Hold point: Do not commence dust-generating work until controls are confirmed. </div> <div style="border: 1px solid red; padding: 2px; margin-top: 5px;"> Stop-work: Stop work if visible dust is uncontrolled or required controls are not available. </div>	2M	Site supervisor / business owner

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This register helps the PCBU record tasks where RPE is required or worn. The PCBU should review whether a worker has reached the 30-day RPE-use trigger over a rolling 12-month period and confirm health monitoring duties.

Date	Worker name	Task / material / tool	Controls used	RPE	RPE day?
		Cutting silica-containing materials Tiles, Concrete, Mortar / render; saw / tile saw / grinder as nominated	wet method / water suppression; on-tool extraction / M/H-class vacuum; exclusion zone; no dry sweeping or compressed air	P2 disposable respirator	
		Grinding silica-containing materials or adhesive/mortar residue Tiles, Concrete, Mortar / render; angle grinder / grinder as nominated	wet method / water suppression; on-tool extraction / M/H-class vacuum; exclusion zone; no dry sweeping or compressed air	P2 disposable respirator	
		Drilling into silica-containing substrate Tiles, Concrete, Mortar / render; rotary hammer drill / drill as nominated	wet method / water suppression; on-tool extraction / M/H-class vacuum; exclusion zone; no dry sweeping or compressed air	P2 disposable respirator	
		Demolition or removal of silica-containing materials Tiles, Concrete, Mortar / render; hand tools / demolition tools as nominated	wet method / water suppression; on-tool extraction / M/H-class vacuum; exclusion zone; no dry sweeping or compressed air	P2 disposable respirator	

Health monitoring note: This table does not by itself determine whether health monitoring is required. The PCBU must review cumulative RPE-use days and applicable WHS duties. If a worker undertakes tasks requiring RPE for 30 or more days in 12 months, health monitoring duties may be triggered under the QLD silica Code / WHS framework.

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PCBU / CONTRACTOR SWMS APPROVAL

The PCBU / contractor representative must review and approve this SWMS before it is communicated to workers or provided to the principal contractor.

PCBU representative	Sample Contact	Company	To be completed
Date		Signature	

WORKER SWMS SIGN-OFF

Declaration: I have read and understood this SWMS / silica risk control plan. I understand the hazards, controls, PPE/RPE requirements, stop-work triggers and my responsibility to follow the control measures.

Name	Role / position	Signature	Date

ACCEPTANCE BY PRINCIPAL CONTRACTOR / PERSON IN CONTROL OF WORKPLACE

Name		Position	
Date		Signature	