



Silica Checklist

Competent person on site?

Name: _____

Job title: _____

Do you see dust in the air?

Tasks being performed:

- | | |
|---|--|
| <input type="checkbox"/> Abrasive sandblasting | <input type="checkbox"/> Milling |
| <input type="checkbox"/> Bushhammering | <input type="checkbox"/> Mixing |
| <input type="checkbox"/> Cutting/sawing | <input type="checkbox"/> Polishing |
| <input type="checkbox"/> Demolishing/disturbing | <input type="checkbox"/> Roofing |
| <input type="checkbox"/> Drilling | <input type="checkbox"/> Sacking/patching |
| <input type="checkbox"/> Earthmoving | <input type="checkbox"/> Sanding |
| <input type="checkbox"/> Grinding | <input type="checkbox"/> Scarifying |
| <input type="checkbox"/> Jackhammering | <input type="checkbox"/> Sweeping/cleaning |

Is there a written silica exposure control plan in place?

Controls being used:

- Water delivery system
- Vacuum dust collection

Are workers trained on silica hazards and controls?

PPE:

- Dust mask Half mask Full mask

Assigned Protect Factor (APF) (requires medical clearance and fit testing)		
		
APF 10 Dust Mask	APF 10 Half-face	APF 50 Full-face

*This resource is intended as a simplified list. Please see <https://www.osha.gov/> for a complete list of *Table 1*

Equipment/task	Engineering/work practice control methods	Minimum assigned protection factor (APF)	
		≤ 4 hrs/shift	> 4 hrs/shift
<u>Stationary masonry saws</u>	Integrated water delivery	None	None
<u>Handheld power saws</u> (any blade diameter)	Integrated water delivery Outdoors Indoors/Enclosed Area	None APF 10	APF 10 APF 10
<u>Handheld power saws for cement board cutting</u> (diameter 8 inches or less)	Dust collection system (99%) Outdoors	None	None
<u>Walk-behind saws</u>	Integrated water delivery Outdoors Indoors/Enclosed Area	None APF 10	None APF 10

<u>Drivable saws</u>	Integrated water delivery Outdoors	None	None
<u>Rig-mounted core saws or drills</u>	Integrated water delivery	None	None
<u>Handheld and stand-mounted drills</u> (impact and rotary hammer)	Dust collection system (99%) or shroud Use HEPA filter when cleaning holes	None	None
<u>Dowell drilling rigs for concrete</u>	Dust collection system (99%)	APF 10	APF 10
<u>Vehicle-mounted drilling rigs for rock/concrete</u>	Dust collection system with capture hood/shroud and low-flow water spray Enclosed cab with water on drill bit	None	None
<u>Jackhammers and handheld powered chipping tools</u>	Integrated water delivery Dust collection system (99%) or shroud Outdoors Indoors/Enclosed Area	None APF 10	APF 10 APF 10
<u>Handheld grinders for mortar removal</u> (tuckpointing)	Dust collection system (99%)	APF 10	APF 25
<u>Handheld grinders not for mortar removal</u>	Integrated water delivery Outdoors Dust collection system Outdoors Indoors/Enclosed Area	None None None	None None APF 10
<u>Walk-behind milling machines and floor grinder</u>	Integrated water delivery Dust collection system (99%) Use HEPA filter when indoors	None	None
<u>Small or large drivable milling machine</u>	Supplemental water spray Exhaust ventilation on drum	None	None
<u>Crushing machines</u>	Supplemental water spray or mist Ventilated booth for operator	None	None
<u>Heavy equipment used for: Demolition, fracturing, grading or excavation</u>	Operate equipment from enclosed cab Apply water as necessary	None	None