

WRITTEN EXPOSURE CONTROL PLAN

Company: _____

Date: _____

Name of Competent Person: _____

Contact Info: _____

Jobsite/Project: _____

Brief description of the work / task: _____

Materials (check all that apply):

Brick / Block

Granite

Concrete

Tile

Mortar / grout

Fiber-cement Board

Rock

Soil

Stone

Other: _____

Tasks (check all that apply):

Cutting/sawing

Sacking/patching

Drilling

Roofing

Jackhammering/chipping

Polishing

Grinding

Abrasive sandblasting

Milling

Mixing/pouring

Earthmoving

Sweeping/cleaning up

Demolishing/disturbing

Other: _____

Sanding

Describe the specific tasks that will be performed that involve exposure to respirable crystalline silica:

Equipment (check all that apply):

Hand-held saw with vacuum

Hand-held angle grinder with vacuum

Hand-held saw with water

Tuckpointing grinder with vacuum

Stationary masonry saw with vacuum

Walk behind milling machine with water

Stationary masonry saw with water

Portable mixing station with vacuum

Walk-behind saw with water

Dust collector/vacuum for sweeping

Handheld/stand mounted drill with vacuum

Grading or excavating in enclosed cab

Jackhammer/chipping tool with vacuum

Grading or excavating with water

Jackhammer/chipping tool with water

Other: _____

Describe the specific equipment (including all components) that will be used on the job: _____

Work Practice Controls (check all that apply):

Wet cutting:

Operate and maintain tools in accordance with manufacturer's instructions

Check flow rates to minimize release of visible dust

Ensure spray nozzle is working properly

Apply water at the point of dust generation

Check spray nozzle and hoses to ensure they are not clogged or damaged

Check all hoses and connections to ensure they are intact

Rinse or replace water filters as needed

Replace water when it gets gritty or begins to silt up with dust

Other: _____

Vacuum Dust Collection System:

Operate and maintain tools in accordance with manufacturer's instructions

Check shrouds and hoses to ensure they are not clogged or damaged

Check all hoses and connections to ensure they are intact

Ensure that the vacuum has enough suction to capture dust at the cutting point

Change or clean filter(s) in accordance with the manufacturer's instructions

Empty dust collection bags often to avoid overfilling

Keep blade flush against the surface whenever possible

Other: _____

Tasks performed indoors or in enclosed areas:

Provide exhaust to minimize the accumulation of visible airborne dust.

Portable fans (box fans, floor fans, and axial fans)

Portable ventilation systems

Other systems that increase air movement

Describe the work practice controls that will be used on the job: _____

Respirator Protection (check all that apply):

- "N-95" dust mask respirator
- Half-facepiece elastomeric respirator
- Full-face elastomeric respirator
- Powered air-purifying respirator
- Other: _____

**Ensure that all employees who wear a respirator are medically fit to wear a respirator, have been fit-tested and trained on the proper way to wear the respirator and are clean-shaven.

Describe the specific respirators that will be used to limit employee exposure: _____

Housekeeping Controls (check all that apply):

- Wet sweeping of work surfaces
- Use Sweeping compound
- HEPA-filtered vacuuming of work surfaces
- Dispose of used vacuum bags in a container
- No dry sweeping
- No compressed air
- Other: _____

Describe the specific housekeeping measures that will be used to limit employee exposure: _____

Restrict Access (check all that apply):

- Schedule certain tasks when others are not around
- Post warning signs, cones or barrier tape
- Tell employees to stay out of areas where dust is generated if they do not need to be in the area
- Move employees to areas where they are not exposed to dust if possible
- Other: _____

Describe the specific procedures to restrict access to work areas to minimize the number of employees exposed to silica dust: _____
