

Written Exposure Control Plan for Respirable Crystalline Silica

Task/Equipment: _____

Municipality: _____ Date: _____

Person Completing the Plan, Title: _____

Competent Person: _____

Job Site/Location: _____

Description of Task: _____

Routine task, new task, indoors/outdoors, task found on Table 1?

- Part 590, 1910.1053 **General Industry** (References Table 1) – review necessary? **Y** **N**
- Part 690, 1926.1153 **Construction** (Includes Table 1) – review necessary? **Y** **N**

Engineering Controls: _____

Any deviation from Table 1 = air monitoring is required. Engineering controls must be used at all times!

(e.g. wet methods, continuous water feed, local exhaust ventilation w/ HEPA filters, commercially available shrouds, commercial dust collection system, cyclone pre-separator/filter cleaning system, surfactant used, and ventilation ≥ 25 cfm/inch of wheel diameter, enclosed cab w/ fresh climate controlled air to operator, employees outside of cabs applying water/dust suppressants, equipment maintained to minimize dust emissions.)

Work Practices: _____

(e.g. maintain equipment functionality – cleaned/spare filters, hoses to start; good connections; hoses with no holes, kinks, permanent bends, crushed; power source available; water source available, ensure ventilation is ≥ 25 cfm/inch of wheel diameter; water/exhaust ventilation lines safe from damage; shrouds/cowls fit correctly and not damaged; follow Manufacturer’s instruction for filter cleaning/change out.)

Written Exposure Control Plan for Respirable Crystalline Silica

Respiratory Protection: _____

(e.g. use respirator with APF = 10 the entire time the task is being performed – See Table 1)

See Part 451 – Respiratory Protection rule (1910.134) for information on selection, training and fit testing requirements, and proper use instruction for respirators (i.e., no facial hair interfering with the respirator sealing surface).

Housekeeping: _____

(e.g. dust containing silica on work surfaces/equipment must be cleaned up using wet methods of HEPA equipped vacuum, no use of compressed air or dry sweeping for removing dust and debris containing silica, dispose of used vacuum bags in a closed sealed container).

Procedures Used to Restrict Access to Work Area (Construction = optional, GI = required if exposures exceed the permissible exposure limit, PEL): _____

(e.g signage, barricades, enclosures, spotters, work when area is cleared of other contractors to reduce risk of exposure.)

Objective data use (Optional) **Y** **N**

Data Source:

Data conditions from the source exactly matches the work conditions? **Y** **N**

(Same conditions, equipment, process, controls, material silica %, environmental.)

REVIEW THIS PLAN WITH ALL EMPLOYEES.

- Keep a copy of this plan at the jobsite.
- Provide this plan of action to the General Contractor (if applicable).
- Review and update annually.