

# Written Silica Exposure Control Plan (Sample)

**Company:** \_\_\_\_\_ **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?)

**Engineering Controls:** \_\_\_\_\_

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

(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  $\geq 25$  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:** \_\_\_\_\_

(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  $\geq 25$  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.)

**Respiratory protection:** \_\_\_\_\_

(Use respirator with APF = 10 the entire time the task is being performed – See Table 1)

See Part 451 – Respiratory Protection rule 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:** \_\_\_\_\_

(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):** \_\_\_\_\_

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

**Objective data use** (Optional) – **Yes** or **No**

Data Source: \_\_\_\_\_

Data conditions from the source exactly matches the work conditions? **Yes** or **No**

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

Review and update this plan annually. Keep a copy of this plan at the jobsite.  
Provide this plan of action to the General Contractor. Review this plan with all involved employees.

