**Silica Exposure Control Plan for Construction**

*The text will change based on the tasks. Task requirements will be based on Table 1. If the task isn’t listed in Table 1, the task requirements will be based on the exposure assessment results. Or use the following website to create a plan:* [*https://plan.silica-safe.org/*](https://plan.silica-safe.org/%20%20)

**Company: Person Completing the Plan, Title:**

John Doe Renovators John Doe, Owner

**Description of Task:**

Demolishing concrete and tile floors inside homes or public buildings using a jackhammer.

**Control Description**

Controls:

* Use jackhammer equipped with the appropriate, commercially available shroud and a vacuum dust collection system with the flow rate recommended by the jackhammer manufacturer, a filter that is at least 99 percent efficient, and a filter cleaning mechanism.
* Use a portable fan to exhaust air and prevent the buildup of dust.

Work practices:

* Check shrouds and hoses to make sure they are not damaged before starting work.
* Make sure the hoses do not become kinked or bent while working.
* Use switch on vacuum to activate filter cleaning at the frequency recommended by the manufacturer.
* Replace vacuum bags as needed to prevent overfilling.
* Use the jackhammer and vacuum controls according to manufacturer’s instructions for reducing the release of visible dust.
* If visible dust increases, check controls and adjust as needed.

Respiratory protection:

* Use respirator with APF of 10 the entire time the task is being performed.
* See the written respiratory protection program for information on selection, training and fit testing requirements, in addition to proper use instructions for respirators (for example, being clean shaven when using a respirator that seals against the face).

**Housekeeping:**

* Dust containing silica on work surfaces and equipment must be cleaned up using wet methods or a HEPA-filtered vacuum.
* Do not use compressed air or dry sweeping for removing dust and debris containing silica from work surfaces**.**
* Dispose of used vacuum bags in a container and keep the container sealed.

**Procedures Used to Restrict Access to Work Areas:**

Schedule the work so that only employees who are engaged in the task (the jackhammer operator and employees helping the operator) are in the area.