

If you are planning on using this machine to follow the alternative exposure controls outlined in OSHA's Respirable Crystalline Silica Standard, please supply a Written Exposure Plan.

Below is an example taken from pg. 46 of OSHA's Small Entity Compliance Guide for the Respirable Crystalline Silica Standard for Construction.

Written Exposure Control Plan

Company:

John Doe Renovators

Person Completing the Plan, Title:

John Doe, Owner

Description of Task:

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

Control Description Controls:

- Use grinder equipped with the appropriate, commercially available shroud and a vacuum dust collection system with the flow rate recommended by the grinder 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.
- Clean vacuum filter at the frequency recommended by the manufacturer.
- Empty vacuum as needed to prevent overfilling.
- Use the grinder 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 vacuumed materials 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 grinder operator and employees helping the operator) are in the area.

Written Exposure Control Plan

Company:

Person Completing the Plan, Title:

Description of Task:

Control Description Controls:

- Use _____ equipped with the appropriate, commercially available shroud and a vacuum dust collection system with the flow rate recommended by the _____ 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.
- Clean vacuum filter at the frequency recommended by the manufacturer.
- Empty vacuum as needed to prevent overfilling.
- Use the _____ 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.

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