

# Written Exposure Plan

## In Accordance to OSHA 29 CFR 1926.1153 Silica Dust Regulations Concerning Respirable Crystalline Silica for Construction

Date: \_\_\_\_\_ Company: \_\_\_\_\_

Person of Authority/Title: \_\_\_\_\_

### Control Description:

1. Use \_\_\_\_\_ (product) equipped with an appropriate commercially available shroud and vacuum dust collection system with the flow rate as recommended by the product manufacturer. Vacuum system to have a minimum 99% plus efficient pre-filter and 99% plus efficient HEPA filter in addition to a filter cleaning mechanism.
2. Use an appropriate fan to exhaust air and prevent buildup of Silica dust.

### Work Practices:

1. Check shrouds and hoses to determine they are not damaged prior to start of work.
2. Do not allow hoses to become kinked, blocked or bent while in use.
3. Clean filtration system at frequency recommended by vacuum system manufacturer.
4. Empty vacuum system as required to prevent overfilling.
5. Use the \_\_\_\_\_ (product) and vacuum system according to manufacturer's instructions for reducing release of visible dust.
6. If visible dust increases, check vacuum system parameters/controls and adjust as required.

### Respiratory Protection:

1. Use respirator with APF rating of 10 during entire time task is being performed.  
(Consult Table 1 of regulation for further information)
2. Consult written respiratory protection program for specific information on selection, training and fit testing requirements, in addition to proper use instructions for respirators (e.g.- being clean shaven when using respirator that seals against the face).

### Housekeeping:

1. Dust containing silica on work surfaces and equipment must be cleaned by using wet methods or a HEPA-type filtration system.
2. Do not use compressed air or dry sweeping for removing dust and debris containing Silica from work surfaces.
3. Dispose of vacuumed materials containing Silica in a sealed container and keep container sealed.

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

1. Schedule work so only required \_\_\_\_\_ operator(s) (title) and support personnel, who are directly engaged in the task, are in the affected work area.

*Note: Each plan may need to be different depending on the company, equipment and type work being performed. Consult the OSHA website [www.osha.gov/silica](http://www.osha.gov/silica) and/or OSHA consulting services [www.osha.gov/dcsp/smallbusiness](http://www.osha.gov/dcsp/smallbusiness) or call 1-800-321-OSHA (6742) for better understanding of silica regulations or assistance in developing your plans.*