



Silica Control Plan

Company: NEI Electric

Date: _____

Person Completing the Plan/Title: Larry Koenig/ Safety Director

Jobsite / Project: _____

Description of Work: _____

Competent Person:

**If you have questions please contact the office

1. **Material:** Concrete **Task:** Drilling/coring

Equipment and Control(s)

- Core Drill with Water (Table 1 Entry)
- Hand-held Drill with Vacuum (Table 1 Entry) or (objective date)

Task/Control Description

- Hammer drilling into precast ceiling or walls to place electrical components

2. **Material:** Concrete **Task:** Sweeping/cleaning up

Equipment and Control(s)

- Sweeping Compound or properly rated HEPA vacuum

Task/Control Description

- Sweep up with compound and/or vacuum up any residue on floor from drilling tasks

3. Material: Concrete Block Task: Drilling/coring

Equipment and Control(s)

- Hand-held drill with vacuum (Table 1 Entry) or (objective data)

Task Control Description

- Hammer drill into block with vacuum suction attached

4. **Material:** Concrete **Task:** Sweeping/cleaning up

Equipment and Control(s)

- Sweeping Compound or properly rated HEPA vacuum

Task/Control Description

- Sweep up with compound and/or vacuum up any residue on floor from drilling tasks

5. **Material:** Drywall (if it contains Silica, see SDS sheet) **Task:** Drilling/coring/cutting
Equipment and Control(s)
-General N95 Respiratory Protection

Task/Control Description

- Drill/cut into drywall to place electrical components
- Use 8511 3M disposable respirator

6. **Material:** Drywall **Task:** Sweeping/cleaning up

Equipment and Control(s)

- Sweeping Compound or properly rated HEPA vacuum

Task/Control Description

- Sweep up with compound and/or vacuum up any residue on floor from drilling and cutting tasks

Safety of Others:

Electricians are mainly hammer drilling intermittently and not exposing other employees to a silica hazard. Drilling is typically done by one electrician as part of the regular scope of work.

Worker Training:

Workers will be provided new silica standard.

Silica hazard will be discussed at safety meetings, through tool box and on-site training.

Respiratory training will be completed along with completion of a pulmonary questionnaire as required.

Appropriate dust collection equipment will be used on tools such as drills and vacuums.

Housekeeping:

Housekeeping(sweeping) will be done by broom and compound or HEPA vacuum.

Medical Surveillance:

Medical Surveillance will be available to any worker who is exposed to silica dust greater than 30 days per calendar year.

Other Considerations:

Coordinate activity with other trades on site and the controlling contractor.