

Your Silica Control Plan

Company:
Foushee

Person Completing the Plan/Title:
Rob Virtue/Safety

Jobsite/Project:
General work plan

Description of Work:
General assigned work as needed for mixing/cutting/drilling/sweeping of related cement, concrete, and drywall products.

Competent Person
Superintendent

(_____)

1

Material Task
Cement Mixing/pouring

Equipment and Control(s)
Mixer

Task/Control Description
Mixing bags of cement in mixer. Respirators if required.

2

Material Task
Concrete Bushhammering

Equipment and Control(s)

Task/Control Description
Bushhammering concrete for repair using vacuum attachment and/or respirator as required.

3

Material Task
Concrete Cutting/sawing

Equipment and Control(s)
1) Hand-Held Angle Grinder with Vacuum (Table 1 Entry), 2) Hand-Held Masonry Saw with Water (Table 1 Entry), 3) Hand-held Cutter with Dust Extraction (Table 1 Entry)

Task/Control Description
Cutting/sawing concrete with hand held angle grinder or cutter with vacuum device or masonry saw with water attachment.

4

Material Task
Concrete Demolishing/disturbing

Equipment and Control(s)
Ducted Fan Unit with Water

Task/Control Description
Use ventilation/exhaust, negative air with HEPA filter, and respiratory protection if required. Refer to Table 1.

5

Material Task
Concrete Drilling/coring

Equipment and Control(s)
1) Hand-Held Drill with Dust Extraction (Table 1 Entry), 2) Hand-Held Drill with Vacuum (Table 1 Entry)

Task/Control Description
Hand held drilling with dust extraction or vacuum as per Table 1.

6

Material Task
Concrete Grinding

Equipment and Control(s)
1) Hand-Held Angle Grinder with Vacuum (Table 1 Entry), 2) Hand-Held Grinder with Dust Control (Table 1 Entry), 3) Hand-Held Grinder with Vacuum (Table 1 Entry), 4) Hand-Held Grinder with Water (Table 1 Entry), 5) Hand-held Grinder with Dust Extraction (Table 1 Entry)

Task/Control Description

Hand held angle grinder or grinder with vacuum or dust control per Table 1.

7

Material **Task**
Concrete Sacking/patching

Equipment and Control(s)

Respiratory Protection

Task/Control Description

Patching concrete as needed. Respiratory protection if required.

8

Material **Task**
Concrete Scabbling

Equipment and Control(s)

Walk-Behind Scabblers with Vacuum (Table 1 Entry)

Task/Control Description

Scabbling floor with vacuum per Table 1.

9

Material **Task**
Concrete Sweeping/cleaning up

Equipment and Control(s)

Sweeping Compound

Task/Control Description

Use of sweeping compound for sweeping floor.

10

Material **Task**
Concrete Block Cutting/sawing

Equipment and Control(s)

Hand-Held Masonry Saw with Water (Table 1 Entry)

Task/Control Description

Cutting concrete block with masonry saw and water attachment per Table 1.

11

Material **Task**
Concrete Block Sweeping/cleaning up

Equipment and Control(s)

Sweeping Compound

Task/Control Description

Sweeping concrete dust with sweeping compound.

12

Material **Task**
Drywall Cutting/sawing

Equipment and Control(s)

Respiratory Protection

Task/Control Description

Use of respiratory protection or vacuum attachment.

13

Material **Task**
Drywall Demolishing/disturbing

Equipment and Control(s)

Respiratory Protection

Task/Control Description

Use of respiratory protection.

14

Material **Task**
Drywall Drilling/coring

Equipment and Control(s)

Respiratory Protection

Task/Control Description

Use of respiratory protection or vacuum attachment.

15

Material

Drywall

Task

Sanding

Equipment and Control(s)

1) Hand Sander with Vacuum, 2) Low-Dust Drywall Joint Compound

Task/Control Description

Use of sander with dust collection/vacuum.

16

Material

Drywall

Task

Sweeping/cleaning up

Equipment and Control(s)

Sweeping Compound

Task/Control Description

Use sweeping compound for dust.

Safety of Others:

Use of controlled access work zone. Barricade tape or other barrier with signage to communicate activity, hazard, and supervisor contact will be posted and maintained. Communication of controlled access zones will be provided to all workers and supervision on the jobsite.

Worker Training:

Workers will be trained on the hazards, types of equipment and effective personal protection and dust extraction/vacuum attachment available for the specific task. Reference Table 1.

Housekeeping:

Sweeping compound will be used for cleaning floors. Housekeeping will be conducted daily and throughout the day to prevent/minimize risk. Workers will be trained on these elements.

Medical Surveillance:

Medical surveillance will be provided as needed to any worker exposed to threshold.

Other Considerations:

Pre-planning, pre-construction, Job Hazard Analysis, and updating silica plans will be required.