

## Preconstruction Risk Assessment and Exposure Control Checklist

Project Name: **672-22-810 Provide High Level Disinfection Room for SPS**

Date: **October 31, 2024**

Hazard	Concern? (Y/N)	Control Measure	Remarks
Asbestos	N		
Dust	Y	A	Sticky pads at Entrance
Moisture/Water Leaks	N		
Vapors/Fumes	N		
Noise	Y	A	
Vibration	N		
Air Pressure Relationships	Y	B	Negative pressure
Traffic Flow	N		
Open Outside Walls	N		
Impact to Levels Above and Below	N		
Proximity of Air Intakes	N		
Pest Control Within Construction Area	N		
Proximity of Immune Suppressed Patients	N		

### **Vapors/Fumes**

- a. Use of products with low Volatile Organic Compounds (VOCs).
- b. Provide negative air in construction zone exhausted to outside, away from intakes.
- c. Seal work area airtight barrier.
- d. Cut all metal outside the building.
- e. Seal any floor penetrations to minimize risk of fumes through construction zone.
- f. Shut down air handler to minimize infiltration of fumes from outside.

### **Noise**

- ☒ a. Schedule demolition work after normal work hours.
- b. Cut all metal outside the building.

### **Vibration**

- ☒ a. Schedule demolition work after normal work hours.
- b. Coordinate with occupants in surrounding areas to explain the work occurring.

### **Air Pressure Relationships**

- a. Provide negative air during asbestos abatement.
- ☒ b. Provide negative air during construction.
- c. Seal off supply and exhaust Heating, Ventilation, and Air Conditioning (HVAC) registers.
- d. Provide anteroom under negative pressure at entrance to project zone.

### **Traffic Control**

- a. Access construction area via exterior door.
- b. Schedule delivery of large quantities of material and demolition haul out after hours.

### **Open Outside Walls**

- a. Construct temporary outside wall to limit the infiltration of wind, air, and temperature differences into the project site.

### **Impact to Levels Above and Below**

- a. Coordinate with occupants in surrounding areas to explain the work occurring.
- b. Follow asbestos protocol when doing under floor work.
- c. Vacate areas when doing below floor work off of the catwalk.

### **Proximity of Air Intakes**

- a. Shut down air handlers to reduce infiltration of fumes from exterior activities such as painting, gasoline powered engines, roofing operations, equipment, etc.

### **Pest Control within Construction Area**

- a. Provide barriers to any open outside walls.
- b. Contact pest controller if any evidence of pests is found during the course of the work.

**Proximity of Immune Suppressed Patients**

- a. Relocate patients away from construction zone for entire project.
- b. Relocate patients away from construction zone during demolition operations.

Approval Signatures:

Project Manager: \_\_\_\_\_

Chief Engineering Section: \_\_\_\_\_

Infection Control: \_\_\_\_\_

Industrial Hygienist: \_\_\_\_\_

Contractor: \_\_\_\_\_

Service/Section/Program Chief: \_\_\_\_\_

### **Control Measures**

#### **Asbestos**

- a. Contractor has hired an asbestos abatement contractor for control and cleanup.
- b. VA to hire independent Industrial Hygienist to inspect and clear area for re-occupancy based on monitoring and/or professional judgment.
- c. Published asbestos protocol to be followed for work through ceilings.
- d. Published asbestos protocol to be followed for work above ceilings.
- e. Perimeter barrier will be constructed in the interstitial space to isolate the construction area with other areas in the interstitial.
- f. Project area will be encased with spray-applied hard surface encasement material.
- g. Provide mini containments under negative air in public areas.
- h. Sealed gypsum board barrier will be constructed to isolate the construction area from the public.
- i. Transit panels will be removed, which is considered Class B removal.

#### **Dust**

- a. Sealed gypsum board barrier will be constructed to isolate the construction area from the public.
- b. Trash carts will be covered when transported through the building.
- c. Provide negative air machine exhausted to outside.
- d. Provide mini containments under negative air in public areas.
- e. Provide negative air machine in space as air scrubber.
- f. Provide walk off mats at entrances to work area.
- g. Perimeter barrier will be constructed in the interstitial space to isolate the construction area with other areas in the interstitial.

#### **Moisture Water Leaks**

- a. Contain any water from core drilling activities.
- b. Dike any floor penetrations to minimize risk of leaks from construction zone.