

## Infection Control Risk Assessment for Construction / Renovation Projects

Project Name: Repair by Replacement Roof Building 18	Project/ Work-Order Number: 578-16-018
Project Planner or Technician: Azad Sunkavalli	Extension: 21152
Building Number: 18	Floor(s)/Room(s): Roof
Start date:	Projected completion date: / /

Construction Activity	Infection control risk group
TYPE A: Non-invasive activity, low noise, no vibration DUST LEVEL Low	X GROUP 1: Low office areas, FMS areas, all non-patient care areas.
TYPE B: Small scale, short duration, low-moderate noise, low-moderate vibration DUST LEVEL: Moderate to High	GROUP 2: Medium All other patient care areas including general medicine floors, ultrasound, Rehab, Occupational Therapy.
X TYPE C: Requires more than one work shift to complete, low-moderate noise, moderate-high vibration DUST LEVEL Moderate to High	GROUP 3: Medium/High ED, Radiology/MRI, admissions, food service areas, laboratories.
TYPE D: Major demolition and construction activities Requiring consecutive work shifts, moderate-high noise, moderate-high vibration DUST LEVEL High	GROUP 4: Highest Operating rooms, SPS, ICU's, Outpatient areas, oncology, anesthesia, post anesthetic recovery, all endoscope areas, Pharmacy, Renal Dialysis

### Project Class Determination Matrix

<u>Construction Activity</u> →	Type "A"	Type "B"	Type "C"	Type "D"
<b>Risk Level</b> ↓				
<b>Group 1</b>	<b>I</b>	<b>II</b>	<b>II</b>	<b>III</b>
<b>Group 2</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
<b>Group 3</b>	<b>I</b>	<b>III</b>	<b>III</b>	<b>IV</b>
<b>Group 4</b>	<b>III</b>	<b>IV</b>	<b>IV</b>	<b>IV</b>

### Contractors Actions by Project Class

<b>CLASS I</b>	<ol style="list-style-type: none"> <li>1. Execute work by methods to minimize raising dust from construction operations.</li> <li>2. Immediately replace any ceiling tile displaced for visual inspection.</li> </ol>	<ol style="list-style-type: none"> <li>3. Contain construction waste before transport in tightly-covered containers.</li> <li>4. Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS II</b>	<ol style="list-style-type: none"> <li>1. Provide active means to prevent air-borne dust from dispersing into atmosphere.</li> <li>2. Water mist work surfaces to control dust while cutting.</li> <li>3. Seal unused doors with duct tap</li> </ol>	<ol style="list-style-type: none"> <li>4. Block off and seal air vents.</li> <li>5. Wipe surfaces with disinfectant.</li> <li>6. Contain construction waste before transport in tightly-covered containers.</li> <li>7. Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS III</b>	<ol style="list-style-type: none"> <li>1. Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>2. Complete all critical barriers before any work begins.</li> <li>3. Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>4. Provide dust mat at entrance and exit of work area.</li> </ol>	<ol style="list-style-type: none"> <li>5. Contain construction waste before transport in tightly-covered containers.</li> <li>6. Wet mop or vacuum with HEPA-filtered vacuum before leaving work area.</li> <li>7. Cover transport receptacles or carts. Tape covering.</li> <li>8. Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS IV</b>	<ol style="list-style-type: none"> <li>1. Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>2. Complete all critical barriers before any work begins.</li> <li>3. Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>4. Provide adhesive walk-off mat at entrance and exit of work area.</li> <li>5. Seal holes, pipes, conduits and punctures appropriately.</li> <li>6. Vacuum the entire work area with HEPA vacuums or wet mop with disinfectant at the completion of project.</li> </ol>	<ol style="list-style-type: none"> <li>7. Do not remove barriers from work area until completed project is thoroughly cleaned by housekeeping and inspected by the Infection Control Department, Safety Section, and Engineering Service.</li> <li>8. Remove barrier materials carefully to minimize spreading dust and debris associated with construction.</li> <li>9. Contain construction waste before transport in tightly-covered containers.</li> <li>10. Cover transport receptacles or carts. Tape covering.</li> <li>11. Remove isolation of HVAC system in areas where work was performed at the end of the project.</li> <li>12. Emergency Preparedness training/posting/ID card.</li> </ol>

**Risk Assessment for TB exposure:** Does the project involve a) HVAC Yes \_\_\_ No X b) HEPA filters Yes \_\_\_ No X

c) Negative Pressure Room (s)? Yes \_\_\_ No X If **any** checked yes, an N95 mask **will be** required.

Classification II Contractor's signature (for Projects only) \_\_\_\_\_

Project Planner or Technician Signature \_\_\_\_\_

Supervisor signature \_\_\_\_\_

Date 5/5/2016

**FAX TO INFECTION CONTROL AT 22481 AND SAFETY AT 25613**