

## Infection Control Risk Assessment for Construction / Renovation Projects

Project Name: Install Grease Interceptor in Kitchen of Building 217	Project/ Work-Order Number: 578-16-036
Project Planner or Technician: Ernest Wright	Extension: 21147
Building Number: 217	Floor(s)/Room(s): 1 <sup>st</sup> Floor, Room 1A127
Start date: July 2017	Projected completion date: August 2017

Construction Activity		Infection control risk group
TYPE A: Non-invasive activity, low noise, no vibration DUST LEVEL Low	<b>X</b>	GROUP 1: Low office areas, FMS areas, all non-patient care areas.
<b>X</b> 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.
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

Construction Activity → Risk Level ↓	Type "A"	Type "B"	Type "C"	Type "D"
Group 1	<b>I</b>	<b>II</b>	<b>II</b>	<b>III</b>
Group 2	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
Group 3	<b>I</b>	<b>III</b>	<b>III</b>	<b>IV</b>
Group 4	<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>Execute work by methods to minimize raising dust from construction operations.</li> <li>Immediately replace any ceiling tile displaced for visual inspection.</li> </ol>	<ol style="list-style-type: none"> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS II</b>	<ol style="list-style-type: none"> <li>Provide active means to prevent air-borne dust from dispersing into atmosphere.</li> <li>Water mist work surfaces to control dust while cutting.</li> <li>Seal unused doors with duct tap</li> </ol>	<ol style="list-style-type: none"> <li>Block off and seal air vents.</li> <li>Wipe surfaces with disinfectant.</li> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS III</b>	<ol style="list-style-type: none"> <li>Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>Complete all critical barriers before any work begins.</li> <li>Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>Provide dust mat at entrance and exit of work area.</li> </ol>	<ol style="list-style-type: none"> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Wet mop or vacuum with HEPA-filtered vacuum before leaving work area.</li> <li>Cover transport receptacles or carts. Tape covering.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS IV</b>	<ol style="list-style-type: none"> <li>Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>Complete all critical barriers before any work begins.</li> <li>Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>Provide adhesive walk-off mat at entrance and exit of work area.</li> <li>Seal holes, pipes, conduits and punctures appropriately.</li> <li>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>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>Remove barrier materials carefully to minimize spreading dust and debris associated with construction.</li> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Cover transport receptacles or carts. Tape covering.</li> <li>Remove isolation of HVAC system in areas where work was performed at the end of the project.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>

**Risk Assessment for TB exposure:** Does the project involve the building's: a) HVAC Yes\_\_\_ No\_\_\_; b) HEPA filters Yes \_\_\_ No\_\_\_; c) Negative Pressure Room (s) Yes \_\_\_ No\_\_\_ ? If **any** checked yes, an N95 mask **will be** required.

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

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

Date   April 3, 2017  

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

Date   April 3, 2017  

FAX to Infection Control x22481 and to Safety x25613 or scan & attach via e-mail to "Hines Infection Control Service"