

## Infection Control Risk Assessment Matrix - Attachment A

<p><b>Construction Activity Class Grid</b></p> <p>Determine Construction Class Required based on Activity Level and Risk Level from ICRA.</p> <p>Note: 1-2 ceiling tiles may be permitted to be removed for cable pulling if Infection Control approves.</p>	<p><b>Type A</b></p> <p><b>Inspections and Non-invasive activities:</b></p> <p>Includes, but is not limited to removal of ceiling tile for visual inspection only (limited to 1 tile per 50 square feet and ceiling tile must be replaced at the end of the work day). Also includes painting (but not sanding), wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access into ceilings other than for visual inspection.</p>	<p><b>Type B</b></p> <p><b>Small scale, short duration (1 day) activities, which create minimal dust:</b></p> <p>Includes, but is not limited to, cutting of walls or ceiling where dust migration can be controlled, and sanding of walls for painting or wall covering to repair small patches. Also includes installation of telephone and computer cables and access to chase spaces. Cabling activity ICRA requirements may be determined by Infection Control.</p>	<p><b>Type C</b></p> <p><b>Any work that generates a moderate to high level of dust or which cannot be completed within 1 day:</b></p> <p>Includes, but is not limited to demolition or removal of any fixed building components or assemblies, sanding of wall for painting or wallcovering, removal of floorcoverings, casework, or ceiling tiles, new wall construction, minor ductwork or electrical work above ceilings, major cabling activities, cutting holes in existing walls.</p>	<p><b>Type D</b></p> <p><b>Major demolition and construction projects that generate high levels of dust and require consecutive work shifts:</b></p> <p>Includes, but is not limited to, heavy demolition or removal of a complete ceiling system, removal of drywall ceilings, or new construction.</p>
<p><b>Group 1</b></p> <p>Office areas, Non-patient care areas</p>	<p><b>Class 1</b></p> <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>	<p><b>Class II</b></p> <ol style="list-style-type: none"> <li>Obtain Infection Control Construction Permit before work begins.</li> <li>Isolate area with barriers or control cube which provide active means to prevent airborne dust from dispersing into atmosphere.</li> <li>Close all room doors in vicinity of work</li> <li>Seal all holes, pipes, conduits, and unused doors appropriately.</li> <li>May need to block off and seal air vents to prevent contamination of the duct system.</li> <li>Water mist work surfaces to control dust while cutting if applicable.</li> <li>Contain construction waste for transport in covered containers (lidded or cover secured with strap or tape).</li> <li>Wet mop and/or vacuum work and adjacent areas with HEPA filtered vacuum.</li> <li>Place dust mat at entrance/exit of work area.</li> <li>Wipe surfaces with cleaner/disinfectant as needed.</li> <li>Upon completion of work, restore HVAC system to area.</li> </ol>		<p><b>Class III</b></p> <p>(See instructions for Class III)</p>
<p><b>Group 2</b></p> <p>Patient Care Areas (only when work can be done off hours) (PM&amp;R, Women's Pavilion, Cardiac Rehab, Noninvasive Cardiology, Admission areas, Pulmonary, etc.)</p>		<p><b>Class III</b></p> <ol style="list-style-type: none"> <li>Obtain Infection Control Construction Permit before work begins.</li> <li>Isolate area with barriers to provide active means to prevent airborne dust from dispersing into atmosphere.</li> <li>Complete all critical barriers before construction begins including to deck as applicable.</li> <li>Obtain IC Inspection Approval of IC barriers prior to beginning work.</li> <li>Seal all holes, pipes, conduits, and unused doors appropriately.</li> <li>May need to block off and seal air vents to prevent contamination of the duct system.</li> <li>An anteroom may be required as determined by Project Manager and/or Infection Control</li> <li>Contain construction waste for transport in covered containers (lidded or cover secured with strap or tape).</li> </ol>		<p><b>Class IV</b></p> <ol style="list-style-type: none"> <li>Obtain Infection Control Construction Permit before work begins.</li> <li>Isolate area with barriers to provide active means to prevent airborne dust from dispersing into atmosphere.</li> <li>Complete all critical barriers before construction begins including to deck as applicable.</li> <li>Obtain IC Inspection Approval of IC barriers prior to beginning work.</li> <li>Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site.</li> <li>Seal all holes, pipes, conduits, and unused doors appropriately.</li> <li>May need to block off and seal air vents to prevent contamination of the duct system</li> <li>Contain construction waste for transport in covered containers (lidded or cover secured with strap or tape).</li> <li>Place dust mat at entrance/exit of work area.</li> <li>Maintain negative pressure of at least -0.01 within work site utilizing HEPA equipped air filtration units. Negative pressure of at least -0.03 may be required for high risk areas as determined by IC.</li> <li>Provide HEPA vacuum cleaner for personnel to remove any loose soil or debris from clothing prior to exiting the worksite.</li> <li>Do not remove barriers from work area until complete project is checked by Infection Control and thoroughly cleaned by Environmental Services Dept.</li> <li>Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> </ol> <p>Additional requirements based on location of work may be required as determined by Infection Control (shoe covers, coveralls, etc.).</p>
<p><b>Group 3</b></p> <p>Emergency Room, Inpatient Nursing Units (Duke Street &amp; WBH), Observation Unit, Nursery, Pre/Post-Op Unit, Post Anesthesia Care Unit, Radiology, Cafeteria/Kitchen, Laboratories</p>		<ol style="list-style-type: none"> <li>Place dust mat at entrance/exit of work area.</li> <li>Maintain negative pressure of at least -0.01 within work site utilizing HEPA equipped air filtration units. Negative pressure requirements may be required for high risk areas as determined by Infection Control.</li> <li>Provide HEPA vacuum cleaner for personnel to remove any loose soil or debris from clothing prior to exiting the worksite.</li> <li>Do not remove barriers from work area until complete project is checked by Infection Control and thoroughly cleaned by Environmental Services Dept.</li> <li>Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> </ol>		
<p><b>Group 4</b></p> <p>Operating Rooms, Endoscopy, Cath &amp; EP Labs, IVU, Anesthesia work room, Sterile Processing Department, Dialysis Unit, Radiation Therapy (SP), Outpatient Infusion Centers, Ann B. Barshinger Cancer Institute (all areas), Oncology Unit, Critical Care Units, NICU, Pharmacy</p>	<p><b>Class II</b></p> <p>(See instructions for Class II)</p>			