

# **Infection Control Risk Assessment (ICRA)**

## **General Project Information**

**Project :** \_\_\_\_\_ **Project Leader:** \_\_\_\_\_

**Risk Assessment Completed by:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Instructions for Use:**

1. \_\_\_\_\_ Determine Type of Construction Project/ Activity (Type A, B or C from chart on back)
2. \_\_\_\_\_ Determine Risk Group (Low, Medium, High or Highest Risk from chart on back)
3. \_\_\_\_\_ Determine Class of Precautions (I, II or III using table below)
4. \_\_\_\_\_ Complete ICRA Form
5. \_\_\_\_\_ Forward Copies of ICRA to Infection Control and Chief, Engineering Service
6. \_\_\_\_\_ Project Leader to Communicate Precautions Required to Workers, Implement Precautions and Monitor Compliance

### **Class of Precautions**

Type of Construction Project / Activity (Circle A, B or C)			
Risk Group (Check One)	A	B	C
<input type="checkbox"/> Low Risk Group	I	I	II
<input type="checkbox"/> Medium Risk Group	I	II	III
<input type="checkbox"/> High Risk Group	I	II	III
<input type="checkbox"/> Highest Risk Group	II	III	III

### **Precautions (Circle 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> <li>3) Remove minor demolition materials in manner to avoid dispersion of dust or debris</li> </ol>
<b>Class II</b>	<ol style="list-style-type: none"> <li>1) Provide an active means to prevent airborne dust from dispersing into atmosphere</li> <li>2) Water-mist work surfaces to control dust while cutting</li> <li>3) Seal unused doors with tape</li> <li>4) Block off and seal air vents, isolate HVAC system</li> <li>5) Place walk off dust mat at exit of work site</li> <li>6) Clean work surfaces with disinfectant upon completion</li> <li>7) Contain construction waste during transport in covered containers</li> <li>8) Wet mop frequently at exit points</li> <li>9) Clean clothing of all loose soil/dust prior to leaving work area</li> </ol>
<b>Class III</b>	<ol style="list-style-type: none"> <li>1) Remove or 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 construction begins</li> <li>3) Maintain negative air pressure within work site utilizing HEPS-equipped air filtration units when air is being re-circulated</li> <li>4) Contain construction debris during transport in covered containers</li> <li>5) Seal holes, pipes, conduits and punctures</li> <li>6) Clean clothing of all loose soil/dust prior to leaving work area. Vacuuming with a HEPA-filtered vacuum to remove all loose dust and debris from clothing is the preferred method to maximize removal and minimize dispersion of dust</li> <li>7) Wet mop frequently at exit points</li> <li>8) Leave barriers up in work area for maximum extent possible until the work area has been thoroughly cleaned</li> <li>9) Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction</li> </ol>

**Critical Barriers:** Critical barriers constructed of plastic or gypsum board should extend from floor to upper decking. All seams should be tightly sealed. Entries made through a plastic barrier should be constructed with 2-foot wide double flap to prevent escape of dust and debris. Door entries must be capable of closing tightly for same purposes.

**Send copy of completed document to Infection Control and Chief, Engineering Svc.**

### STEP ONE:

Using the following table, identify the Type of Construction Project/Activity

<b>TYPE A</b>	<b>Inspection and non-invasive activities. Includes, but is not limited to:</b> <ul style="list-style-type: none"> <li>• Removal of ceiling tiles for visual inspection limited to 1 tile per 50 feet</li> <li>• Painting (but not sanding)</li> <li>• Wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection</li> </ul>
<b>TYPE B</b>	<b>Small scale, short duration activities which create minimal dust. Includes, but is not limited to:</b> <ul style="list-style-type: none"> <li>• Installation of telephone and computer cabling</li> <li>• Access to chase spaces</li> <li>• Cutting of walls or ceiling where dust migration can be controlled</li> </ul>
<b>TYPE C</b>	<b>Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies, major remodeling or new construction projects.</b> <b>Includes, but is not limited to:</b> <ul style="list-style-type: none"> <li>• Sanding of walls for painting or wall covering</li> <li>• Removal of floorcoverings, ceiling tiles and casework</li> <li>• New wall construction</li> <li>• Duct work or electrical work above ceilings</li> <li>• Projects that require consecutive work shifts</li> </ul>

### STEP TWO:

Use the following table to *identify the Risk Group* that will be affected. If more than one risk group will be affected in a specific area, select the higher risk group.

<b>Low Risk</b>	<b>Medium Risk</b>	<b>High Risk</b>	<b>Highest Risk</b>
<ul style="list-style-type: none"> <li>• Office areas</li> <li>• Engineering</li> <li>• Environmental Service areas</li> <li>• Storerooms</li> </ul>	<ul style="list-style-type: none"> <li>• General patient care areas/units (i.e. Ultrasound, Physical Therapy, Radiology, Respiratory Therapy, Urgent Care)</li> <li>• Cafeteria</li> <li>• Kitchens</li> <li>• Blood draw areas</li> <li>• OP Pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>• ICU/CCU</li> <li>• Laboratories</li> <li>• Surgical Pt. Care Unit</li> <li>• Outpatient surgery</li> <li>• Dialysis</li> <li>• Oncology</li> <li>• Pharmacy admixture (Inpatient)</li> </ul>	<ul style="list-style-type: none"> <li>• Surgery</li> <li>• SPD (Processing and Sterile Storage)</li> <li>• Invasive procedure rooms</li> <li>• PACU</li> </ul>