

**PRE- CONSTRUCTION RISK ASSESSMENT**

**Project:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Step 1**

<b>TYPE A</b>	<p><b>Inspection and Non-Invasive Activities.</b> Includes, but is not limited to:</p> <ul style="list-style-type: none"> <li>▪ removal of ceiling tiles for visual inspection limited to 1 tile per 50 square 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>	<p><b>Small scale, short duration activities which create minimal dust</b> Includes, but is not limited to:</p> <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>	<p><b>Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies</b> Includes, but is not limited to:</p> <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>▪ minor duct work or electrical work above ceilings</li> <li>▪ major cabling activities</li> <li>▪ any activity that cannot be completed within a single work shift.</li> </ul>
<b>TYPE D</b>	<p><b>Major demolition and construction projects</b> Includes, but is not limited to:</p> <ul style="list-style-type: none"> <li>▪ activities which require consecutive work shifts</li> <li>▪ requires heavy demolition or removal of a complete cabling system</li> <li>▪ new construction.</li> </ul>

## Step 2

### Patient Risk Groups

Low Risk	Medium Risk	High Risk	Highest Risk
<ul style="list-style-type: none"> <li>▪ Office areas</li> <li>▪ Auditorium</li> <li>▪ Meeting rooms</li> <li>▪ Elevators</li> <li>▪ Warehouse</li> <li>▪ Laundry</li> <li>▪ Chapel</li> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cardiology</li> <li>▪ Echocardiography</li> <li>▪ Physical Therapy</li> <li>▪ Radiology</li> <li>▪ Respiratory Therapy</li> </ul>	<ul style="list-style-type: none"> <li>▪ Laboratories (specimen)</li> <li>▪ Ambulatory care (MVAC/ Specialty)</li> <li>▪ Pharmacy</li> <li>▪ Domiciliary</li> <li>▪ BVAC clinic</li> </ul>	<ul style="list-style-type: none"> <li>▪ Any area caring for immunocompromised patients</li> <li>▪ Sterile processing department</li> <li>▪ Community living center units</li> </ul>

If more than one risk group will be affected, select the higher risk group

## Step 3

### Safety Matrix - Class of Precautions: Construction Project by Patient Risk & Project Type

Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
<b>LOW</b> Risk Group	I	II	II	III/IV
<b>MEDIUM</b> Risk Group	I	II	III	IV
<b>HIGH</b> Risk Group	I	II	III/IV	IV
<b>HIGHEST</b> Risk Group	II	III/IV	III/IV	IV

**Description of Infection Prevention Precautions by Class –Select applicable actions: CLASS \_\_\_**

	<b>During Construction Project</b>	<b>Upon Completion of Project</b>
<b>CLASS I</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Execute work by methods to minimize raising dust from construction operations.</li> <li><input type="checkbox"/> Immediately replace a ceiling tile displaced for visual inspection</li> <li><input type="checkbox"/> Coordinate work with on-site staff to prevent noise or vibration issues</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Clean work area upon completion of task(s).</li> </ul>
<b>CLASS II</b>	<p>Provide active means to prevent airborne dust from dispersing into atmosphere.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Water mist work surfaces to control dust while cutting.</li> <li><input type="checkbox"/> Seal unused doors with duct tape.</li> <li><input type="checkbox"/> Block off and seal air vents.</li> <li><input type="checkbox"/> Place dust mat at entrance and exit of work area</li> <li><input type="checkbox"/> Remove or isolate HVAC system in areas where work is being performed.</li> <li><input type="checkbox"/> Coordinate work with on-site staff to prevent noise or vibration issues</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Wipe work surfaces with disinfectant.</li> <li><input type="checkbox"/> Contain construction waste before transport in tightly covered containers.</li> <li><input type="checkbox"/> Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area.</li> <li><input type="checkbox"/> Remove isolation of HVAC system in areas where work is being performed.</li> </ul>
<b>CLASS III</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.</li> <li><input type="checkbox"/> Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.</li> <li><input type="checkbox"/> Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</li> <li><input type="checkbox"/> Contain construction waste before transport in tightly covered containers.</li> <li><input type="checkbox"/> Cover transport receptacles or carts. Tape covering unless solid lid.</li> <li><input type="checkbox"/> Establish times that demo work would be most appropriate for the area, and adjacent areas if applicable, with Care/Service Line in which the work is being performed</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department.</li> <li><input type="checkbox"/> Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> <li><input type="checkbox"/> Vacuum work area with HEPA filtered vacuums.</li> <li><input type="checkbox"/> Wet mop area with disinfectant.</li> <li><input type="checkbox"/> Remove isolation of HVAC system in areas where work is being performed.</li> </ul>

**CLASS IV**

- ❑ Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.
- ❑ Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.
- ❑ Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.
- ❑ Seal holes, pipes, conduits, and punctures appropriately.
- ❑ 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 or they can wear cloth or paper coveralls that are removed each time they leave the work site.
- ❑ All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.
- ❑ Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Prevention Department and thoroughly cleaned by the owner's Environmental Services Department.
- ❑ Establish times that demo work would be most appropriate for the area, and adjacent areas if applicable, with Care/Service Line in which the work is being performed
- ❑ Supervisor prepared to meet with IC, Safety, and/or on-site staff to review problems with dust, noise, or vibration.
- ❑ Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.
- ❑ Contain construction waste before transport in tightly covered containers.
- ❑ Cover transport receptacles or carts. Tape covering unless solid lid
- ❑ Vacuum work area with HEPA filtered vacuums.
- ❑ Wet mop area with disinfectant.
- ❑ Remove isolation of HVAC system in areas where work is being performed.

**Step 4: Identify the areas surrounding the project area, assessing potential impact.**

Unit Below	Unit Above	Lateral	Lateral	Behind	Front
<b>Risk Group</b>					

**Step 5:** Identify specific site of activity e.g. patient rooms, medication rooms, clinics, etc.

**Step 6:** Identify any issues related to: ventilation, plumbing, electrical in terms of the occurrence of probable outages.

**Step 7:** Identify Containment measures, using prior assessment. What types of barriers (e.g. solid wall barriers); will HEPA filtration be required?

**Step 8:** Consider potential risk of water damage. Is there a risk due to compromising structural integrity? (E.g. wall, ceiling roof)

**Step 9:** Work hours: Can or will the work be done during off shifts- evenings, nights, weekends?

A Tuberculosis Risk Assessment is completed for Bath/Canandaigua VAMC annually. Our current risk assessment identifies Bath/Canandaigua VAMC as a \_\_\_\_\_ risk facility.

TB screening for contractors working on this project **is not** indicated ( )

TB screening for contractor working on this project **is** indicated ( )

We have reviewed this project and specified Contractor/facility actions to reduce safety and health issues associated with the project to patients, visitors, and personnel.

Infection Prevention Coordinator: \_\_\_\_\_ Date: \_\_\_\_\_