

## Pre-Construction Risk Assessment

<b>Location of Construction:</b> MRI Suite B500, Rms 0604a,b,c,d, 0658,0659,0660		<b>Project Start Date:</b> TBD
<b>Project Coordinator:</b> Naveed Subhan		<b>Estimated Duration:</b>
<b>Contractor Performing</b> TBD		<b>Telephone:</b> 310 478 3711*40475
<b>Supervisor:</b>		<b>Email:</b> naveed.subhan@va.gov
<b>Project or Work Order #</b> 691-15-104WL		
Description of project: (Choose only one.) <input type="checkbox"/> Demolition <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Repairs		
<b>Type A Inspections and Non-Invasive Activities or Small scale, Short duration Activities</b>		
Yes	No	
		Removal of ceiling tiles for visual inspection (limited to <25% of total area)
		Painting (limited sanding to <10% of area)
		Wall covering—Describe work to be done:
		Electrical trim work. Describe:
		Minor plumbing. Describe:
<b>Type B Small scale, short duration activities that create minimal dust.</b>		
Yes	No	
		Installation of telephone and computer cabling
		Access to chase spaces
		Sanding of walls for painting or wall covering (minor repairs—not sanding for drywall finishing)
<b>Type C Any work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies.</b>		
Yes	No	
		Sanding of walls-(>50% of surface area)-drywall finishing
x		Removal of <input checked="" type="checkbox"/> floor coverings <input checked="" type="checkbox"/> ceiling tile <input checked="" type="checkbox"/> casework (>50% of surface area) Describe: % Describe:
x		Cutting of walls or ceiling. Describe:
x		New wall construction
x		Minor ductwork or electrical work above ceilings
		Major cabling activities
x		Activity cannot be completed within a single work shift
<b>Type D Major demolition and construction projects.</b>		
Yes	No	
x		Will require heavy demolition or removal of a complete ceiling system
x		New construction

Group 1 Lowest Risk	Group 2 Medium Risk	Group 3 Medium-High Risk	Group 4 Highest Risk
Office Areas Non-patient Care Areas	Ambulatory Care	Emergency room <b>Radiology/MRI</b> Day Surgery PACU All Intensive Care Units Nuclear Medicine Admission PT, Pool/Water Therapy Housekeeping Closets Dietary Storage Food Preparation Areas Canteens Laboratories Interstitials in Group 3 Respiratory Therapy Patient Units: (Mental Health, Medicine, Rehab)	Operating Rooms, Clean and Soiled Utility Areas Supply, Processing or Distribution Areas/DSU Cardiovascular Procedure Areas Cardiac Cath and Angioplasty Areas Procedure Rooms Isolation Rooms Dialysis Cardiology Anesthesia and Pump Areas Pharmacy Admixture Area Endoscopy Areas Interstitials in Group 4

CONSTRUCTION ACTIVITY (from previous page) <i>Check type of activity</i>		INFECTION CONTROL RISK GROUP (see above) <i>Check risk group</i>	
	TYPE A: Inspection, non-invasive activity		GROUP 1: Lowest Risk
	TYPE B: Small scale, short duration projects; minimal dust		GROUP 2: Medium Risk
	TYPE C: Activity generates moderate to high levels of dust, requiring >1 work shift for completion; demolition or removal of any fixed bldg components or assemblies		GROUP 3: High Risk
x	TYPE D: Major duration and construction activities Requiring consecutive work shifts		GROUP 4: Highest Risk

**CLASSIFICATION OF REQUIRED PREVENTIVE MEASURES**

CONSTRUCTION INFECTION CONTROL RISK GROUP	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "D"
Group 1	I	I	II	III/IV
Group 2	I	I	III	IV
Group 3	II	III	III/IV	IV
Group 4	III	III/IV	III/IV	IV

**An Infection Control Construction Permit is required for any work done in Class III or IV. Refer to shaded area on *Classification of Required Prevention Measures* above.**

CLASS I	<ol style="list-style-type: none"> <li>Execute work by methods to minimize raising dust from construction operations.</li> </ol>	<ol style="list-style-type: none"> <li>Immediately replace any ceiling tile displaced for visual inspection.</li> </ol>
CLASS II	<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 tape.</li> <li>Block off and seal air vents.</li> <li>Wipe surfaces with disinfectant.</li> </ol>	<ol style="list-style-type: none"> <li>Contain construction waste before and during transport in tightly covered containers.</li> <li>Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area.</li> <li>Place dust mat at entrance and exit of work area as needed.</li> <li>Remove or isolate HVAC system in areas where work is being performed.</li> </ol>
CLASS III	<ol style="list-style-type: none"> <li>Obtain infection control permit before construction begins.</li> <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 construction begins.</li> <li>Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</li> <li>Contain construction waste before and during transport in tightly covered containers.</li> </ol>	<ol style="list-style-type: none"> <li>Seal holes, pipes, conduits, etc. appropriately.</li> <li>Place dust mat at entrance and exit of work area. Replace as needed.</li> <li>Do not remove barriers from work area until completed project is inspected by Safety and Epidemiology Depts. and thoroughly cleaned.</li> </ol> <p><b>After work is completed:</b></p> <ol style="list-style-type: none"> <li>Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> <li>Remove isolation of HVAC system.</li> </ol>

<p><b>Class IV</b></p>	<ol style="list-style-type: none"> <li>1. Obtain infection control permit before construction begins.</li> <li>2. Isolate HVAC system in area where work is being done to prevent contamination of duct system.</li> <li>3. Complete all critical barriers or implement control cube method before construction begins.</li> <li>4. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</li> <li>5. Seal holes, pipes, conduits, and punctures appropriately.</li> <li>6. 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.</li> </ol>	<ol style="list-style-type: none"> <li>7. All personnel entering work site are required to wear shoe covers.</li> <li>8. Contain construction waste before and during transport in tightly covered containers. Cover transport receptacles or carts. Tape covering.</li> <li>9. Do not remove barriers from work area until completed project is inspected by Safety and Epidemiology Depts. And thoroughly cleaned.</li> </ol> <p><b><i>After work is completed:</i></b></p> <ol style="list-style-type: none"> <li>10. Vacuum work area with HEPA filtered vacuums.</li> <li>11. Wet mop with disinfectant.</li> <li>12. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</li> <li>13. Remove isolation of HVAC system.</li> </ol>
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**Additional concerns for all classes:**

1. **Maintain manpower and equipment including dust mops, wet mops, brooms, buckets, and clean wiping rags for cleaning fine dust from floors and adjacent occupied areas.**
2. **Contain work areas outside of construction barriers, including spaces above ceilings, with full height polyethylene sheet barrier, tightly taped.**
3. **Clean up dust tracked outside of construction area immediately.**
4. **Temporary construction barriers and closures above ceiling must be dust tight.**
5. **Removal of debris must be in covered containers.**

**This project is Class IV, Group 3**

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SIGNATURE

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DATE