

Naval Hospital Bremerton Infection Control Risk Assessment

Project Number: _____ Title: _____

Project Manager: _____ Date: _____

Step 1: Determine Type of Construction or Repair

Type A: Inspections and Non-Invasive Activities. Includes, but is not limited to painting (not sanding), installation of wall coverings, electrical trim work, minor plumbing, or other activities which do not generate dust or require cutting of walls.

NOTE: For areas above the ceiling, Type A work is limited to replacement of ceiling tiles, inspections, or adjustments of electrical or plumbing systems (such as removal and replacement of electrical cover plates, adjustment of valves, or operation of ventilation dampers). No more than one ceiling tile per 50 square foot area may be removed, and may be removed for no longer than 5 minutes for visual inspection and no longer than 30 minutes for other tasks.

Type B: Small scale, short duration activities which create minimal dust. Includes, but is not limited to, installation of telephone and computer cabling (including pulling wiring through ceiling spaces), access to chase spaces, and/or cutting of walls or ceilings where dust migration can be controlled.

Type C: Any work which generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies. Includes, but is not limited to, sanding of wall for painting or wall covering, removal of floor coverings, ceiling tiles and casework, new wall construction, minor ductwork or electrical work above ceilings, and major cabling activities.

Type D: Major demolition and construction projects. Includes, but is not limited to activities which require heavy demolition, new construction, or large scale remodels.

Step 2: Determine Infection Control Risk Group

Group 1 (Low Risk):

- Non-medical buildings (Medical buildings include the main hospital (Building 1) Family Care Center (Building 17) and all Naval Branch Health Clinics).
- Administrative or office areas (only if separated from adjacent higher-risk areas by physical barriers, permanent or temporary).

Group 2 (Medium Risk):

- Cardiology and Echocardiography
- Endoscopy suite
- Nuclear Medicine
- Physical Therapy
- Radiology
- Respiratory Therapy
- Audiology

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Group 3 (High Risk):

- Emergency Department / Urgent Care Center
- Labor and Delivery (40B)
- Galley and kitchen
- Ambulatory Procedure Unit
- Laboratories
- Inpatient unit (MS5)
- Newborn nursery
- Surgical procedure rooms (Gen. Surg., ENT, Opth., OB/GYN)
- Pediatrics
- Pharmacy
- Post anesthesia (PACU)
- Dental Treatment Rooms

Group 4 (Highest Risk):

- Operating room suites (including C-section)
- Central Supply/Replenish
- Sterile Processing Division
- Pulmonary function lab
- Negative pressure isolation rooms (if activated)
- Intensive care unit
- Anesthesia prep areas

Step 3: Determine Class of Work

CONSTRUCTION ACTIVITY →	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "D"
RISK LEVEL ↓				
Group 1	I	II	II	III/IV
Group 2	I	II	III	IV
Group 3	I	II	III/IV	IV
Group 4	II	III/IV	III/IV	IV

NOTE: Work Classes III and IV (shaded areas above) require Infection Control Coordinator signature approval of infection control measures (see last page).

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Step 4: Determine Appropriate Infection Control Measures

	During Project	Following Project
Class I	<ol style="list-style-type: none"> 1. Execute work by methods to minimize raising dust from construction operations. 2. Immediately (within five minutes) replace any ceiling tile displaced for visual inspection. 	<ol style="list-style-type: none"> 1. Following completion of project, clean work area.
Class II	<ol style="list-style-type: none"> 1. Water mist work surfaces (exterior only) to control dust while cutting. 2. Seal unused doors with masking tape. 3. Block off and seal air vents. 4. Place dust mat(s) at entrance and exit of work area. 5. Remove or isolate HVAC system in area where work is being performed. 6. Contain construction waste before transport in tightly covered containers. 	<ol style="list-style-type: none"> 1. Wipe surfaces with hospital approved disinfectant. 2. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. 3. Restore HVAC system to normal operation.
Class III	<ol style="list-style-type: none"> 1. Remove or isolate HVAC system in area where work is being performed. 2. Maintain negative air pressure differential of at least 0.03 inch water gauge and airflow direction from CLEAN to DIRTY within work site and adjacent areas by utilization of HEPA equipped air filtration units in conjunction with infection control cubes or construction of physical barriers (gwb, plywood, plastic, etc.). 3. Provide visual airflow direction indication. 4. Contain construction waste before transport in tightly covered containers. Tape covering unless solid lid. 	<ol style="list-style-type: none"> 1. Vacuum work area with HEPA filtered vacuum. 2. Wet mop area with hospital approved disinfectant. 3. Do not remove barriers from work area until project area receives final cleaning and is inspected by Project Manager and Infection Control Coordinator (ICC). 4. Remove barrier materials carefully to minimize spreading of dirt and debris. 5. Restore HVAC system to normal operation.

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Class IV	<ol style="list-style-type: none"> 1. Remove or isolate HVAC system in area where work is being performed. 2. Maintain negative air pressure differential of at least 0.03 inch water gauge and airflow direction from CLEAN to DIRTY within work site and adjacent areas by utilization of HEPA equipped air filtration units in conjunction with infection control cubes (available from Facility Management Department) or construction of physical barriers (gwb, plywood, plastic, etc.). 3. Provide visual airflow direction indication. 4. Construct anteroom and require all personnel to pass through this room and be vacuumed using a HEPA vacuum cleaner before leaving work site. (Alternative is to use cloth or disposable coveralls that are removed when leaving the work site). 5. Require all personnel entering work site to wear shoe covers, which must be removed and discarded each time worker exits area. 6. Contain construction waste before transport in tightly covered containers. Tape covering unless solid lid. 	<ol style="list-style-type: none"> 1. Vacuum work area with HEPA filtered vacuum. 2. Wet mop area with hospital approved disinfectant. 3. Do not remove barriers from work area until project area receives final cleaning and is inspected by Project Manager and ICC. 4. Remove barrier materials carefully to minimize spreading of dirt and debris. 5. Restore HVAC system to normal operation.
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Additional Measures:

Approved (Class III/IV only)
Infection Control Coordinator

Date