

VUMC Infection Control Construction Permit

Project Location:	Date Permit Completed:
Supervisor's Name:	Dates of work:
Contractor performing work:	Amended dates of work:
Brief Project Description:	

YES	NO	Construction Activity	YES	NO	Infection Control Risk Group
		TYPE A: Inspection, minor non-dust producing activities			Low Risk –Office workers
		TYPE B: Small scale activities less than 24 hours which create minimal dust			Medium Risk – All inpatient and outpatient areas not in the High Risk group
		TYPE C: Activity generates moderate to high levels of dust, requires demolition or removal of any fixed building components and is in the confines of a suite or office.			HIGH RISK areas: INPATIENT AREAS: Pediatric and Adult: Operating/Delivery Rooms, Cath labs, Myelo suppression units, ICUs), dialysis, nurseries. CLINIC AREAS: Any clinic associated with Hematology, Oncology, Pediatric Infectious Diseases, or Transplant services. SERVICE AREAS: Central Processing, Sterile processing, Food Prep & Service area, Pharmacies.
		TYPE D: Major demolition and construction projects not within the confines of a suite or office.			

Use Matrix to determine Infection Control Class required for this job:			Type A	Type B	Type C	Type D
	Infection Control Risk Group	Low	I	I	II	III/IV
		Medium	I	II	III	IV
		High	II	III/IV	III/IV	IV

CLASS I	<ul style="list-style-type: none"> Notify area manager before work begins. Use work methods that minimize generation of dust. Clean up work upon completion of task. 	<ul style="list-style-type: none"> Immediately replace ceiling tile displaced for visual inspection.
<i>Initial:</i>		
CLASS II	<ul style="list-style-type: none"> Complete all activities noted under Class I. Provide active means to prevent airborne dust from dispersing into atmosphere. Water mist work surfaces to control dust while cutting Seal unused doors with blue painter's tape. Block off and seal air vents. Method of capping ducts shall be dust tight and withstand airflow. Place dust mat at entrance or exit of work areas. 	<ul style="list-style-type: none"> Remove or isolate HVAC system in areas where work is being performed. Clean up by wiping work area with disinfectant. Contain construction waste before transport in tightly covered containers. Containers are wiped down before leaving jobsite. Wet mop and/or vacuum jobsite with HEPA vacuum before leaving work area.
<i>Initial:</i>		
CLASS III	<ul style="list-style-type: none"> Complete all activities noted under Class I and II Submit Infection Control Permit for approval by VEHS and Infection Control 72 hours before project begins. Complete all critical barriers to seal area from non-work area or implement control cube method before construction begins. Airtight plastic or drywall barriers extend from floor to ceiling. If plastic is used as a barrier, use 4 mil grade, opaque plastic sheeting. Entrances are draped with plastic that overlaps at least 24 inches. Seal all penetrations to ensure an existing air-tight barrier. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 	<ul style="list-style-type: none"> Cover return vents with appropriate filter media. Verify negative pressure using a manometer at the project entrance as recommended by VEHS/ICP Vacuum area thoroughly using HEPA filtered vacuum at least daily. Wipe work surfaces with hospital approved disinfectant during routine clean up and when work is completed each day. Immediately clean any dust tracked outside of construction barrier Remove dust barriers carefully to minimize spreading of dust associated with construction. Temporary dust protection may be required before removal of barriers.
<i>Initial:</i>		
CLASS IV	<ul style="list-style-type: none"> Complete all activities noted under Class I, II, and III All personnel entering the work site are required to wear shoe covers. Shoe covers are changed each time the worker exits the work area. 	<ul style="list-style-type: none"> Construct anteroom and require all personnel to pass through this room so their clothing is vacuumed before leaving the worksite with a HEPA vacuum or they can wear coveralls that are removed each time they leave the work site.
<i>Initial:</i>		

Notes/Comments:

Interim Life Safety Measures Required: Y N Square ft. of construction area: _____ No. HEPA's required: _____	Signatures: Infection Control: _____ Plt Svcs/SFP: _____ VEHS: _____ Project Supervisor: _____ Area Representative: _____	Amended Date(s) X _____ X _____ X _____ X _____ X _____
Fixed Distribution: (Fax nos. listed): Infection Control: 6-0727 Plant Services: 3-9956 VEHS: 6-2950 Space and Facilities: 3-8388		

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Supplemental Information

- 1) If mold is discovered during construction, stop work that would disturb the mold and follow the requirements as listed in the following policy: *VUMC Policy IC 10-10.25 Mold Remediation Practices*.
- 2) For Infection Control Class I and II Projects:
 - a. Fill out the permit
 - b. Notify your supervisor before all projects begin. Supervisors/lead persons must sign off on all projects before work starts.
 - c. Fax signed permit to Infection Control and Prevention and Vanderbilt Environmental Health and Safety (see fax machine numbers on permit)
 - d. Follow all requirements as listed for the applicable Infection Control Class.
- 3) For Infection Control Class III and IV Projects:
 - a. Set up a meeting with the following groups at least 72-hours before the project begins to discuss the project details:
 - i. Infection Control and Prevention (936-0725)
 - ii. VEHS Medical Center Safety Officer (322-2057)
 - iii. Area Representative (Manager, Assistant Manager or other applicable staff)
 - b. Fax signed permit to Infection Control and Prevention and Vanderbilt Environmental Health and Safety (see fax machine numbers on permit)
 - c. Follow all requirements as listed for the applicable Infection Control Class.

Additional Resources:

VUMC Policy IC 10-10.17

Infection Control Interventions during Construction in Patient Care Areas

<http://vumcpolicies.mc.vanderbilt.edu>