

PRE- CONSTRUCTION RISK ASSESSMENT

Project: _____ Date: _____

Step 1

TYPE A	Inspection and Non-Invasive Activities. Includes, but is not limited to: <ul style="list-style-type: none"> ▪ removal of ceiling tiles for visual inspection limited to 1 tile per 50 square feet ▪ painting (but not sanding) ▪ 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.
TYPE B	Small scale, short duration activities which create minimal dust Includes, but is not limited to: <ul style="list-style-type: none"> ▪ installation of telephone and computer cabling ▪ access to chase spaces ▪ cutting of walls or ceiling where dust migration can be controlled.
TYPE C	Work that 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: <ul style="list-style-type: none"> ▪ sanding of walls for painting or wall covering ▪ removal of floorcoverings, ceiling tiles and casework ▪ new wall construction ▪ minor duct work or electrical work above ceilings ▪ major cabling activities ▪ any activity that cannot be completed within a single work shift.
TYPE D	Major demolition and construction projects Includes, but is not limited to: <ul style="list-style-type: none"> ▪ activities which require consecutive work shifts ▪ requires heavy demolition or removal of a complete cabling system ▪ new construction.

Step 2

Patient Risk Groups

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

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
LOW Risk Group	I	II	II	III/IV
MEDIUM Risk Group	I	II	III	IV
HIGH Risk Group	I	II	III/IV	IV
HIGHEST Risk Group	II	III/IV	III/IV	IV

Description of Infection Prevention Precautions by Class –Select applicable actions: CLASS ____

During Construction Project		Upon Completion of Project
CLASS I	<ul style="list-style-type: none"> <input type="checkbox"/> Execute work by methods to minimize raising dust from construction operations. <input type="checkbox"/> Immediately replace a ceiling tile displaced for visual inspection <input type="checkbox"/> Coordinate work with on-site staff to prevent noise or vibration issues 	<ul style="list-style-type: none"> <input type="checkbox"/> Clean work area upon completion of task(s).
CLASS II	<p>Provide active means to prevent airborne dust from dispersing into atmosphere.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Water mist work surfaces to control dust while cutting. <input type="checkbox"/> Seal unused doors with duct tape. <input type="checkbox"/> Block off and seal air vents. <input type="checkbox"/> Place dust mat at entrance and exit of work area <input type="checkbox"/> Remove or isolate HVAC system in areas where work is being performed. <input type="checkbox"/> Coordinate work with on-site staff to prevent noise or vibration issues 	<ul style="list-style-type: none"> <input type="checkbox"/> Wipe work surfaces with disinfectant. <input type="checkbox"/> Contain construction waste before transport in tightly covered containers. <input type="checkbox"/> Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. <input type="checkbox"/> Remove isolation of HVAC system in areas where work is being performed.
CLASS III	<ul style="list-style-type: none"> <input type="checkbox"/> Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system. <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. <input type="checkbox"/> Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. <input type="checkbox"/> Contain construction waste before transport in tightly covered containers. <input type="checkbox"/> Cover transport receptacles or carts. Tape covering unless solid lid. <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 	<ul style="list-style-type: none"> <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. <input type="checkbox"/> Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. <input type="checkbox"/> Vacuum work area with HEPA filtered vacuums. <input type="checkbox"/> Wet mop area with disinfectant. <input type="checkbox"/> Remove isolation of HVAC system in areas where work is being performed.

<p>CLASS IV</p>	<ul style="list-style-type: none"> ❑ 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. 	<ul style="list-style-type: none"> ❑ 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.
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Step 4: Identify the areas surrounding the project area, assessing potential impact.

Unit Below	Unit Above	Lateral	Lateral	Behind	Front
Risk Group	Risk Group	Risk Group	Risk Group	Risk Group	Risk Group

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: _____