

Pre-Construction/Safety Risk Assessment

Location of Construction (Bldg No./Room No.): 200/First Floor	Project No.: 578-11-001
Project Title: Cardiology Renovation	
Project Coordinator:	Project Start Date:
Contractor Performing Work:	Estimated Duration:
Supervisor:	Telephone:

Description of project:

Phased renovation of the existing Cardiology Suite on the first floor that includes: Exam Rooms, Offices, Waiting / Reception area, Conference / Break Room, Toilet, and support spaces, new mechanical system, exterior roof patching, exterior aluminum curtain wall and glazing as required by drawings and specifications..

Note: The Cardiology Department must remain operational during the renovation, Contractor to provide temporary construction barricade and infection control measures as required for phasing and to maintain operations.

Construction Activities

The following projects do not require completion of the Pre-Construction/Safety Risk Assessment form:

1. Painting and installation of new wallpaper in business offices and non-patient areas.
2. Painting in a patient room, if closed for painting and less than 3 square feet of wall area is to be patched and painted. Contractor shall replace the air filter for the room's air conditioning unit upon completion of painting.
3. Installation of a soap dispenser/needle box/paper towel holder in a patient room
4. Repair of a window blind.
5. Ceiling tile replacement for areas less than ten (10) 2' x 2' tiles, if not in business offices and non-patient areas.
6. Ceiling tile replacement for areas less than five (5) 2' x 2' tiles in a patient area, if patient is out of the immediate area and clean up can be accomplished before patient returns.
7. Minimal repair of Nurse Call System/TV/Bed/Telephone.
8. Checking or replacing of electric outlet.
9. Replacing a light bulb.
10. Unstopping sink/commode with no water on floor.
11. Unstopping commode when water on floor requires maintenance to have Housekeeping clean area immediately.
12. Repair of a medical gas outlet. (Front Body)
13. Taking air balance measurement readings.
14. Checking air conditioning unit/system.
15. Intermediate jobs that create a moderate amount of dust inside the room with negative air pressure maintained in the room via use of HEPA-equipped unit with minimum 10 ACH, and all air discharged outside. The HEPA unit must continue running 2 hours after completion of job and Housekeeping must clean room before the HEPA unit is removed from room. All work and use of HEPA unit must be documented and copies forwarded to Infection Control and Safety. **NOTE: All duct vents to be sealed off during work!**

Yes	No	
		Will there be noise generated that will impact a department adjacent to, above, or below the construction area?
		a. If so, these departments must be notified.
		b. How are you going to reduce the noise to an acceptable level?
Yes	No	
		Will there be vibration generated that will impact a department adjacent to, above, or below the construction area?
		a. If so, these departments must be notified each time this type of work will be performed.
		b. How are you going to reduce the vibration to an acceptable level?
Yes	No	
		Are Emergency Procedures in place and posted on each job for accidental events that could greatly impact Patient Care or Life Safety to the facility? Typically included items in these procedures are:
		<ul style="list-style-type: none"> Emergency telephone numbers of key departments. A contingency plan describing the location of main valves, switches, and controls. A contingency plan for unexpected outages.
		Environment
Yes	No	Are any of the following environmental hazards present?

		Will hazardous chemicals be used on this project? How will fumes and odors be controlled? Material Safety Data Sheets (MSDS) are required.
		Is asbestos abatement required on this job? If so, notify Safety at the Pre-Construction Meeting.
		Will there be hot work done on this project? If so, then a hot work permit must be posted on the job site. All hot work must have a fire watch assigned to each area while the hot work is being performed.
		Will confined space entry be required on this project? If so, the VAMC Confined Space Entry Program must be followed.
		Utility Failures
Yes	No	Will any of the following systems be out of service at any time during the project?
		• Fire alarm (For outages greater than 4 hours, Interim Life Safety Measures must be implemented.)
		• Sprinkler (For outages greater than 4 hours, Interim Life Safety Measures must be implemented.)
		• Electrical
		• Domestic water
		• Oxygen
		• Sewage
		• HVAC

Yes	No	
		Will there be any work that will require activation of the Interim Life Safety Measures (ILSM) during this project? Other work may require ILSM's, but typical work requiring ILSM implementation are:
		<ul style="list-style-type: none"> Any construction that impacts an exit or stairs, Any construction that impacts major breaches in a fire or smoke wall, Taking the main fire protection system out of service (sprinkler), Taking the main fire alarm system out of service, Taking the "area" fire or fire alarm systems out of service for more than 4 hours within a 24-hour period.
		Implementation of the ILSM requires a fire watch and the ILSM forms to be completed.

Additional Safety Concerns		
Yes	No	
		Will construction affect exit routes from occupied areas adjacent to construction site?
		Will project affect traffic patterns in area? If yes, explain plan.
		The following must be completed prior to any construction activities:
		<ul style="list-style-type: none"> Construct separation walls prior to project start. Fire protection systems must remain intact. Provide extra fire extinguishers in work areas. Maintain exit lights in work area. Maintain negative air pressure in construction area (24/7) throughout project duration. There cannot be any return air from within the construction area to the rest of the building. Redirect egress routes, do not allow egress routes to pass through construction areas. Provide and maintain "Construction Area-Do No Enter" signs on doors leading into the construction area. Maintain up-to-date daily logs and maintain a current Hot Work Permit. Provide and install no-slip mats at doors exiting construction area. All debris removal must be by covered cart. Maintain a clean and orderly work area. Determine how, if at all, this project will affect the departments above, below, and adjacent to this project?

Air Quality and Infection Control		
Construction activity types are defined by the amount of dust that is generated, the duration of the activity, and the amount of shared HVAC systems. Contact VAMC 's Safety and Infection Control Departments if any activity is questionable under these guidelines.		
Yes	No	
		Will dust be generated during this project? If yes, explain location of and plan for interim dust barriers or attach floor plan with barriers clearly marked.
		Will debris removal be necessary? If yes, explain plan for debris removal and control.
		Negative airflow ventilation and filtration in place and assessed for effectiveness.

		Exhaust fans in-place and functioning.
		Air supply duct to area closed and HEPA filtration unit in-place and functioning in adjacent patient care area?
		Will work be done in a sterile area? <i>If so, how will sterile atmosphere be maintained (to include access in/out of the work area)?</i>
Type A		Inspections and Non-Invasive Activities or Small Scale/Short Duration Activities. (Refer to Infection Control Risk Assessment for Type Selection)
Yes	No	
		Removal of ceiling tiles for visual inspection (limited to 1 tile per 50 square feet)
		Painting (excludes sanding)
		Wall covering—Describe work to be done:
		Electrical trim work. Describe:
		Minor plumbing. Describe:
Type B		Small Scale, Short Duration Activities that create minimal dust. (Refer to Infection Control Risk Assessment for Type Selection)
Yes	No	
		Installation of telephone and computer cabling
		Access to chase spaces
		Sanding of walls for painting or wall covering (minor repairs—excludes sanding for drywall finishing)
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. (Refer to Infection Control Risk Assessment for Type Selection)
Yes	No	
		Sanding of walls--drywall finishing
		Removal of <input type="checkbox"/> floor coverings <input type="checkbox"/> ceiling tiles <input type="checkbox"/> casework Describe:
		Cutting of walls or ceiling. Describe:
		New wall construction
		Minor ductwork or electrical work above ceilings
		Major cabling activities
		Activity cannot be completed within a single work shift
Type D		Major demolition and Construction Projects. (Refer to Infection Control Risk Assessment for Type Selection)
Yes	No	
		Will require heavy demolition or removal of a complete ceiling system
		New construction
Contractor Signature		COTR Signature
Date:		Date:

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