

Pre-Construction Planning Guide

Central Zone Infection Prevention and Control (IPC)

ALL PROJECTS require an Infection Control Risk Assessment (ICRA) and Preventive Measures (PM) Tool

Contact your local ICP if you require assistance in completing the ICRA form

Follow steps 1-3 to complete the [ICRA \(Form 1\)](#)

Step 1 – Determine Construction Activity Type

Step 2 – Determine Population Risk Group

Step 3 – Apply the Risk Group to Activity Type = Preventive Measures (PM) level

Step 4
Based on PM level complete the Preventive Measures Tool ([Form 4](#))

Level 1 / Level 2
Refer to PM tool for requirements

Level 3 / Level 4
Complete and sign PM tool
IPC consult required

Site Monitoring Tool ([Form 5](#))
Review hoarding in place prior to construction starting and then ongoing monitoring of site hoarding

Post Construction Checklist ([Form 6](#))
Ensure construction site is ready for patient/staff occupancy

Other tools

Step 1 - Construction Activity Type (review [Form 2](#) on website for expanded list)

These categories are not limited to the examples provided.

Type A Inspection and non-invasive activities such as: a single controlled opening in a wall or removal of one ceiling tile or wall panel for inspection, painting (no sanding), wall covering, electrical trim work, activities that do not generate dust or require cutting of walls or work in ceilings. Minor plumbing limited to 1 patient care room/area that does not disrupt water for more than 15 minutes.

Type B Small, scale, short duration, creates minimal dust activities such as: access to chase spaces, where dust can be controlled, cutting of walls/ceilings for cabling, wiring, minor electrical, ventilation or plumbing. Minor sanding and repair of surfaces, plumbing work in 1 or more patient care rooms that does not disrupt water for more than 30 minutes.

Type C Moderate to high levels dust, requires demolition or removal of fixed components. May include: major sanding, removal of flooring, ceiling tiles, casework, new wall construction, minor duct or electrical work in ceilings, major cabling (includes pulling cable), plumbing work in 2 or more patient care rooms not disrupting water more than 1 hour. Activities cannot be completed in a single work shift.

Type D High levels of dust, major demolition and construction includes: complete removal of cabling, demolition of wall(s), plumbing that disrupts water in 2 or more patient care rooms for more than 1 hour, requires consecutive shifts to complete.

Step 2 - Population Risk Group (review [Form 3](#) on website for expanded list)

Group 1	Group 2	Group 3	Group 4
<ul style="list-style-type: none"> Office areas Unoccupied spaces* Public areas Laundry, soiled linen <p>*Note: unoccupied spaces refer to an area where there are no patients or patient-related activities and that is absent of any medical supplies or equipment.</p>	<ul style="list-style-type: none"> Patient care areas not listed in Group 3 and 4 Outpatients (except oncology and surgery) Admission, discharge, waiting areas 	<ul style="list-style-type: none"> ER (except trauma rooms) DI, nuclear medicine, MRI Labour, delivery and nursery Pediatrics General Medical/Surgical Continuing Care/Geriatric units Respiratory therapy 	<ul style="list-style-type: none"> Operating rooms Trauma rooms Oncology ICU, CCU, NICU Bronchoscopy / Endoscopy Medical device reprocessing and sterile storage

Step 3 - Risk Analysis & Preventive Measures (PM) Matrix

IPC must be notified for all PM 3 and 4 projects

Population Risk Group	Construction Activity Type				Preventive Measures Determined
	Type A	Type B	Type C	Type D	
Group 1	1	2	2	3/4*	
Group 2	1	2	3	4*	
Group 3	1	3*	3/4*	4*	
Group 4	1-3*	3/4*	3/4*	4*	

Additional Recommendations:

Refer to Insite [IPC Webpage](#) for expanded lists of the Activity Type and Population Risk Group