

Construction & Maintenance Matrix Tool Template

Step 1: TYPE

Use the following table to identify the construction / maintenance type.

TABLE 1

CONSTRUCTION / MAINTENANCE ACTIVITY TYPES:	
TYPE A	Inspection and non-invasive activities. This includes, but is not limited to: removal of ceiling tiles for visual inspection (limited to 1 tile per 16 squares metres), painting (but not sanding), paper hanging, wall-covering, electrical trim work, minor plumbing, and other 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. This includes, but is not limited to: installation of telephone and computer cabling, access to or cutting of walls or ceilings where dust migration can be controlled, lifting of more than 3 ceiling tiles /16 square metres (in succession).
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. This includes, but is not limited to: sanding of walls for painting or wall covering, removal of floor coverings, removal of ceiling tiles, new wall construction, minor duct work or electrical work above ceilings, major cabling activities, and any activity that cannot be completed within a single work shift.
TYPE D	Major demolition and construction projects. This includes, but is not limited to: activities which require consecutive work shifts, heavy demolition or removal of a complete cabling system, and new construction.

Step 2: RISK GROUP

Use the following table to identify the patient risk group.

TABLE 2 (Note: Refer to Infection Control Risk "Colour-coded Floor Plan" for each hospital)

RISK GROUP CATEGORIES:							
GROUP 1	LOWEST	GROUP 2	MEDIUM	GROUP 3	MED - HIGH	GROUP 4	HIGHEST
Administration areas		All patient care wards and units. For example –		Acute Gynaecology		All Operating Theatres including:	
Boiler House		Community &		Assessment		Caesarean Section	
Chapel		Mental Health		Burwood Spinal Unit		Hysterectomy /	
Estate Department and other non-clinical service departments		Inpatient facilities		Canterbury Health Laboratories		Colposcopy Services	
External areas including roads, gardens and playground		Gynaecological		Cardio-thoracic Ward		Bone Marrow Transplant Unit	
Lecture Theatres		General Surgical		Children's Acute Assessment		Children's Haematology & Oncology Centre	
Libraries		General Medical		Dialysis Units		Cardiac-thoracic ICU	
Medical Records		Obstetrics/Maternity		Emergency Department		Coronary Care Unit	
Milnor Lodge (BWD)		Orthopaedics		Gastroenterology		DSA - Radiology	
Parafed Gym (BWD)		Neurosurgery		Hyperbaric Unit		Haematology	
Recreation Halls		Paediatrics		Obstetrics:		High Dependency Units	
Residences/Relatives accomodation		Respiratory		Foetal/Maternal Assessment-FMA		Intensive Care Unit	
Staff residences		Burwood Radiology		Delivery/Labour Rooms (Birthing suites)		Neonatal Intensive Care	
Toilet Blocks		Cafeterias and kitchens		Oncology Wards		Pharmacy:	
		Champion Centre		Oncology Services		Sterile Room and Cytotoxic Clean Room (and anterooms)	
		Linen Services		Oral Health Theatre areas (Dental)		Sterile Supply Services:	
		Mortuary		Nuclear Medicine		TSSU	
		Occupational Therapy		Scanning Room		CSSD	
		Outpatient clinics		Radiology (CWH & ChCh Hospital)		Recovery/Observation Areas	
		Pharmacy (except Sterile room and Cytotoxic room)		Renal Wards			
		Physiotherapy		Respiratory Wards			
		Speech and Language Therapy					
		Spinal Unit Reassessment					
		Spinal Unit Hostels					

Step 3: CLASS

**Determine the class of construction activity using the matrix below.
This should be indicated on pages 1 and 2 of the work approval form.**

ACTIVITY/INFECTION RISK MATRIX				
Infection Control Approval will be required when the Construction Activity and Risk Level indicate that Class III and Class IV control procedures are necessary. Forward completed application form to Infection Prevention & Control Service.				
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	III	III/IV	IV
GROUP 4	III	III/IV	III/IV	IV

- Roman numerals indicate construction class - see overleaf for a general indication of infection control precautions for each class.
- Classes I & II do not require IP&C Service approval, but the required Infection Control precautions should be implemented.

Note: This matrix tool has been adapted from the developed at St. Lukes Episcopal Hospital, Texas and updated by Judene Bartley, ECSI Inc. Beverly Hills MI, 2009.