

When to use this checklist:

Planning phase	Work phase	Commissioning phase
----------------	------------	---------------------

Hoarding refers to the construction of temporary sealed, airtight barriers to separate areas under construction and/or renovation from other areas of the health care facility. Use this checklist to assess the placement and maintenance of barriers according to the preventive measures level assigned to the construction/renovation project and as a reference document in the bidding process to contractors.

DATE: _____

AREA/UNIT: _____

COMPLETED BY: _____

Preventive measures level	Task	Yes	No	N/A	Comments
I	Measures identified to minimize dispersed dust				Type of measures:
	Patient-care equipment protected				
II	<i>All Level I requirements must be implemented and the following measures put in place:</i>				
	Windows, doors, shafts, access panels, electrical outlets, intakes, grilles, vents, plumbing drains and all other penetrations in the floors, walls and ceilings: Sealed with duct tape				
	Entrance and exit doors: Double-flap polyethylene sheeting of a minimum 0.15mm (6 mil) true thickness weighted at the bottom over doors. Each sheet covers the entire cross-section of the entrance to work area and opens in both directions				
	Construction area entrance and exit : Placement of walk-off mats				

CRMD Checklist: Hoarding

Preventive measures level	Task	Yes	No	N/A	Comments
II	Carpeted or textured floors: Polyethylene sheeting of a minimum 0.30mm (12 mil) thickness or two 0.15 mm (6 mil) sheets layered one on top of the other. Vertical sheeting overlaps the horizontal base sheet of polyethylene				
	Textured, perforated, or drop ceilings: Covered with polyethylene placed on the inside of vertical sheeting and taped with a continuous seal				
	HVAC systems: Supply and return-air ducts into the construction area are blocked off/sealed or isolated. Conduct HVAC system shutdowns in accordance with CSA Standard Z317.2-12				
	Barriers: Extended to the true ceiling				
	Polyethylene sheeting: Reinforced where necessary with framing (metal or wood), poles				
	Dust control: Used 0.15 mm (6-mil) fire-retardant polyethylene barriers				
III	<i>All Level I & II requirements must be implemented and the following measures put in place:</i>				
	From floor to the underside of the deck: Impermeable dust barrier erected consisting of two layers of 0.15 mm (6 mil) polyethylene and a gypsum wallboard or drywall protective layer				
	From true ceiling to the floor and around the entire perimeter of the construction area: Used continuous polyethylene sheeting wall, minimum of 0.15mm (6 mil) thickness				
	Construction area: Enclosed by dust barriers comprising 2 layers of 0.15 mm (6-mil) fire-retardant polyethylene and 1 layer of drywall				
	Continuous tape seal of gypsum wallboard to floor and ceiling				

CRMD Checklist: Hoarding

Preventive measures level	Task	Yes	No	N/A	Comments
III	Continuous tape seal of polyethylene to floor and ceiling				
	Continuous tape seal on both sides of polyethylene				
	Between construction area and facility: Electronic monitoring of pressure differentials				
	Between construction area and facility: Checked for air leakage paths				
	Between construction area and facility: Windows and doors sealed with 2 layers of 0.15 mm (6 mil) polyethylene and 1 layer of drywall				
	Mechanical equipment and materials: Protected from dust and moisture exposure				
Anteroom	Constructed at access point to construction area				
	Large enough to accommodate materials and supplies without having to open both doors at the same time				
	Walls built of metal studs, the bottom track sealed to the flooring, 2 layers of 0.15 mm (6 mil) polyethylene sealed to the studs, one on either face and protected with drywall with a washable surface				
	Walls constructed of material resistant to moisture				
	Dust barriers extend to the true ceiling or have their roofs constructed in the same manner as Preventive Measure III barriers. Roof is constructed to protect against overhead hazards				
	Hollow metal lockable doors with door- closure device. Frame and bottom sealed with weather-stripping				

CRMD Checklist: Hoarding

Preventive measures level	Task	Yes	No	N/A	Comments
IV	<i>All Level I, II & III requirements must be implemented and the following measures put in place:</i>				
	All barriers remain in place until project completed and area thoroughly cleaned by environmental services and inspected by the ICP				
	Holes in walls or breaches in the polyethylene containment system repaired immediately when found. If temporary repair made, permanent repair made within 2 hrs				
	Short-term protection used when removing barrier walls to minimize environmental contamination during removal				

References

1. CSA Group. CSA Z317.13-12: Infection control during construction, renovation, and maintenance of health care facilities. Toronto, ON: CSA Group; 2012.
2. Bartley JM. APIC state-of-the-art report: the role of infection control during construction in health care facilities. Am J Infect Control 2000;28(2):156-69. Available from: http://www.apic.org/Resource_/TinyMceFileManager/Practice_Guidance/IC-During-Construction-HC-Fac.pdf
3. Judene B, editor. Infection control toolkit series, construction and renovation. 2nd ed. Washington, DC: Association for Professionals in Infection Control and Epidemiology; 2002.