

Negative Pressure Isolation Room Auditing Tool (For ICPs)

Type Of Standard	No.	Standard	Yes	Recommendation
			No	
			N/A	
* Essential	1	Pressure monitors fixed beside the outer door with audio visual alarm when there is loss of negativity for selected time, better to be connected to the building management system (BMS).		
Essential	2	Minimum pressure difference between the patient room and outer corridor is - 2.5 Pascale.		
**	3	There is sign for (isolation room) and frame for recommendations of airborne isolation and patient's information.		
	4	There is anteroom. ***		
	5	Hand washing sink in ante-room (approved specifications) with supplies for hand hygiene.		
	6	Personal protective equipment drawer or trolley available.		
	7	Anteroom door has auto closure device.		
	8	Patient's room door has auto closure device		
	9	Patient room walls and ceilings are smooth one piece without cracks or decorative parts, all openings for services or connections are carefully sealed and painted with antimicrobial paint can withstand repeated cleaning disinfection.		
	10	All angles between walls and ceiling are rounded (no acute angles).		
	11	Floor covered by smooth anti-microbial vinyl without connection cracks or any other cracks, elevated ends to the wall and smooth line with wall and this line painted with epoxy paint, angles with wall must be circular.		
Essential	12	Window could not be opened and completely sealed.		
	13	Curtains (window/bedside) must be washable.		

Essential	14	Wooden surfaces if present must be covered or painted to be non-permeable, easy to be cleaned and disinfected repeatedly.		
	15	Doors open to the inside.		
	16	Air diffusing vent over the tail of the bed		
	17	Air exhaust vent over the head of the bed or in the wall beside the head about (60-100) cm from the floor.		
Essential	18	All exhausted air from patient room and bathroom must be 100% exhausted (no recirculation) after being filtered through HEPA filter.		
Essential	19	Exhaust air tubes must be away at least 3 meters from the intake lines of other departments.		
	20	100% fresh air supplied.		
Essential	21	Air-conditioned air supplied through chiller concealed units (not allowing air circulation) specified for the patient room or using supply line from central AC with automatic closure dampers (in case of any system failure).		
Essential	22	Minimum air change per hour is 12 ACH.		
	23	Air supply and air suction systems connected to emergency source of electricity in case of emergency.		
Documentation of Negative Pressure Isolation Room				
	24	Monitor readings recorded every day in a document (nursing staff).		
	25	Documented Biomedical engineering check for the pressure and air change per hour every month.		
	26	Documented change of HEPA filter according to manufacturer recommendations.		
	27	Documented yearly calibration for pressure monitor.		

***Essential standard:** If the Isolation room does not meet any one of them, it's considered unsafe and should not be used.

****non-Essential standard:** they can use the isolation room even if it did not have it.

******* It is better to have an anteroom, but you can still accept the isolation room if the design does not allow it.