

Building Services and Environmental Design SERVICES REQUIREMENTS FOR AREAS AFFECTING PATIENT CARE HOSPITALS AND OUTPATIENT FACILITIES								
AREA DESIGNATION	AIR PRESSURE RELATIONSHIP TO ADJACENT AREA	MINIMUM AIR CHANGES OF OUTDOOR AIR PER HOUR	MINIMUM TOTAL AIR CHANGES / HOUR	ALL AIR EXHAUSTED DIRECTLY TO OUTDOORS	FILTRATION EFFICIENCY	RE-CIRCULATED BY MEANS OF ROOM UNITS	RELATIVE HUMIDITY (%)	DESIGN TEMP (DEGREES C)
SURGERY & CRITICAL CARE								
Operating Theatre	Positive	AS 1668.2	20	50%	G4-F8 HEPA (1)	No	35-60	16-27
Birth Room or Delivery Suite	Negative	5	20		G4-F9	No	35-60	20-23
Setup Room & Sterile Store	Positive	AS 1668.2	15		G4-F8 HEPA	No	35-60	20-23
Recovery Room	Positive	AS 1668.2	10		G4-F8	No	35-60	21
Intensive Care	Positive	2	6		G4-F8	No	35-60	21-24
Neonatal Intensive Care	Positive	2	6		G4-F8	No	35-60	22-26
Burns	Positive	3	10		G4-F8	No	35-95	21-32
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Treatment Room	Positive	2	6		G4-F8			24
Resuscitation Room	Positive	3	15		G4-F8	No	45-60	21-24
Anaesthesia gas storage	Negative	2	8	Yes	G4-F8	No		
Endoscopy Room	Positive or no requirement	2	6		G4-F8	No	35-60	20-23
Bronchoscopy, Sputum Induction & Pentamidine	Negative	3	12	Yes	G4-F8	No	35-60	20-23
Emergency Department and Medical Imaging Waiting Room	Negative	2	12	Yes	G4-F8	No	35-60	20-23
Emergency Unit Triage	Negative	2	12	Yes	G4-F8	No	35-60	20-23
NURSING								
Patient Room	Positive	2	6		G4-F8			21-24
Toilet Room / En-suite	Negative	N / A	AS1668.2		G4-F8			
Newborn Nursery Suite	Positive	2	6		G4-F8			24
Protective Environment Room	Positive	AS 1668.2	12		G4-F8 HEPA			24
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Class N Isolation Room	Negative	AS 1668.2	10	Yes	G4-F8	No		24

Isolation alcove or anteroom	Neg or Pos	AS 1668.2	10		G4-F8	No		
Patient Corridor		2	6		G4-F8			
DIAGNOSTIC AND TREATMENT								
Consult Room		2	6		G4-F8			24
Medication Room		2	6		G4-F8			
Treatment Room		2	6		G4-F8			24
Physiotherapy & Hydrotherapy	Negative	2	6		G4-F8			24
Disposal Room	Negative		10	Yes	F4	No		
Clean Workroom or Clean Holding		2	6		G4-F8			
Haemodialysis		2	6		G4-F8	No		20-25
ANCILLARY								
<i>Radiology</i>								
Radiology (surgical / critical care & catheterisation)	Positive	3	15		G4-F9	No	30-60	21-27
Radiology (diagnostic & treatment)		2	6		G4-F8			21-24
Darkroom	Negative	3	10	Yes	F7	No		
Ventilation Requirements								
VENTILATION REQUIREMENTS FOR AREAS AFFECTING PATIENT CARE HOSPITALS AND OUTPATIENT FACILITIES								
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Laboratory								
General		2	6		F7			24
Biochemistry	Positive	2	6	Yes	F7	NO		24
Cytology	Negative	2	6	Yes	F7	NO		24
Glass Washing	Negative	2	10	Yes	F7	NO		
Histology	Negative	2	6	Yes	F7	NO		24
Microbiology	Negative	2	6	Yes	F7	NO		24
Nuclear Medicine	Negative	2	6	Yes	F7	NO		24
Pathology	Negative	2	6	Yes	F7	NO		24
Serology		2	6		F7	NO		24
Sterilising	Negative	3	10	Yes	F7	NO		24
Autopsy Room	Negative	AS1668	12	Yes	F7	NO		
Non-Refrigerated Body Holding Room	Negative	3	10	Yes	F7	NO		21
Pharmacy		2	6		G4-F8			
STERILISING & SUPPLY								
Sterilising Room	Negative	3	10	Yes	G4-F8	NO		24
Steriliser Equipment Room	Negative	3	10	Yes	G4-F8	NO		
Central Medical & Surgical Supply		2	6		G4-F8			
Disposal Room	Negative		6	Yes	F4	NO		20-23
Clean Workroom	Positive	2	6		G4-F8	NO	30-60	
Ventilation Requirements								
VENTILATION REQUIREMENTS FOR AREAS AFFECTING PATIENT CARE HOSPITALS AND OUTPATIENT FACILITIES								

Table 5: Matrix of specific requirements