

C&W-ACC
 Medical Gas & Headwall Requirements
 February 25, 2014

****THIS APPENDIX DOES NOT INCLUDE FOR ADDITIONAL, POST DISASTER, HEADWALL REQUIREMENTS SEE 6.10.10.1****
 * Where nitrous oxide outlets are indicated provide gas scavenging outlets

Component	Space Name	Outlets Per Room				Notes
		Oxygen	Air	Suction	Nitrous Oxide	
Medical/Surgical Inpatient Units						
12-Bed Care Pod	Bedroom, Private, Bariatric and AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
12-Bed for Neurosciences	Bedroom, Private, Bariatric and AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
12-Bed for Cardioscience	Bedroom, Private, Bariatric and AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
12-Bed for Sub-Specialty Peds	Bedroom, Private, Bariatric and AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
12 Beds for Respiratory/Trach/Vent	Bedroom, Private, Bariatric and AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Shared Patient Care Support Area	Child Life Playrooms / Teen Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Shared Patient Care Support Area	Procedure/RT/PT/OT Treatment Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Shared Patient Care Support Area	Bum Bath/Assisted (Ttr) Bath/Shower Rooms	2	2	2	1	1 headwall / room. Requires 2 oxygen, 2 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
Shared Patient Care Support Area	Physiotherapy/OT Gymnasium Rooms	4	2	4		2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Shared Patient Care Support Area	School Rooms	4	2	4		2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Oncology/Hematology/Bone Marrow/Transplant Program						
Outpatient Care Area	Exam/Treatment Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Outpatient Care Area	Exam/Treatment AIR Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Outpatient Care Area	Teen Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Outpatient Care Area	Apheresis Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Outpatient Care Area	Procedure Rooms	2	1	2	1	1 boom / room. Requires 2 oxygen, 2 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Outpatient Care Area	Observation/Recovery Rooms	8	4	8		1 headwall / bed or stretcher. Requires 2 oxygen, 1 air, 2 suction per bed or stretcher
Outpatient Care Area	Playroom Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Inpatient Care Area/Care Area	Child Life Playroom / Teen Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
27-Bed Inpatient Care Zone	Bedroom, Private, AIR, PIR, BMT Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
27-Bed Inpatient Care Zone	Bedroom, Private, Bariatric, AIR, Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Pediatric Intensive Care Unit						
8-Bed Care Pod	Bedroom, Private, AIR Rooms	6	6	4		1 boom / room. Requires 6 oxygen, 6 air, 4 suction per boom
8-Bed Care Pod Cardiac	Bedroom, Private, AIR Rooms	6	6	4		1 boom / room. Requires 6 oxygen, 6 air, 4 suction per boom
6-Bed Care Pod	Bedroom, Private, AIR Rooms	6	6	4		1 boom / room. Requires 6 oxygen, 6 air, 4 suction per boom
28-Bed Shared Support Zone	Child Life Playrooms	6	6	4		1 boom / room. Requires 6 oxygen, 6 air, 4 suction per boom
28-Bed Shared Support Zone	Simulation Rooms	6	6	4		1 boom / room. Requires 6 oxygen, 6 air, 4 suction per boom
Neonatal Intensive Care Unit						
12-Bed Level III Care Neighbourhood	Infant Care Room, Single, PIR Rooms	4	4	4		1 headwall / room. Requires 4 oxygen, 4 air, 4 suction per headwall
12-Bed Level III Care Neighbourhood	Infant Care Room, Twin Rooms	8	8	8		2 headwalls / room. Requires 4 oxygen, 4 air, 4 suction per headwall
12-Bed Short Stay Care Neighbourhood	Infant Care Room, Single Rooms	6	5	6		2 headwalls / room. Requires 1 headwall 4 oxygen, 4 air, 4 suction and 1 headwall 2 oxygen, 1 air, 2 suction
12-Bed Short Stay Care Neighbourhood	Infant Care Room, Single Rooms	10	9	10		3 headwalls / room. Requires 4 oxygen, 4 air, 4 suction per headwall for 2 headwalls and 2 oxygen, 1 air, 2 suction for 1 headwall
10-Bed Complex Care Neighbourhood	Infant Care Room, Twin Rooms	4	4	4		1 headwall / room. Requires 4 oxygen, 4 air, 4 suction per headwall
Birth Program (Incl. Transfusion, Medicine Laboratory)						
LDR Area	LDR Patient Room, AIR Rooms	4	2	4	2	2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
LDR Area	Infant Procedure/ Resuscitation Room	4	2	4		1 boom / room. Requires 4 oxygen, 2 air, 4 suction per boom
Birthing OR Area	Pre-OP Area	2	0	2		1 headwall / room. Requires 2 oxygen, 2 suction per headwall
Birthing OR Area	Operating Room, C-sections Rooms	4	2	4	1	1 boom / room. Requires 4 oxygen, 2 air, 4 suction, 1 nitrous, 1 nitrogen per boom
Birthing OR Area	Operating Room, C-sections, AIR Rooms	4	2	4	1	1 boom / room. Requires 4 oxygen, 2 air, 4 suction, 1 nitrous, 1 nitrogen per boom
Birthing OR Area	Procedure Room, NICU Rooms	4	2	4	1	1 boom / room. Requires 4 oxygen, 2 air, 4 suction, 1 nitrous, 1 nitrogen per boom
Birthing OR Area	PACU Area	8	4	8		1 headwall / bed or stretcher. Requires 2 oxygen, 1 air, 2 suction per bed or stretcher
Birthing OR Area	High Dependency Patient Room, AIR Rooms	6	5	6		2 headwalls / room. Requires 1 headwall 4 oxygen, 4 air, 4 suction and 1 headwall 2 oxygen, 1 air, 2 suction
Birthing OR Area	High Dependency Patient Room, Bariatric Rooms	6	5	6		2 headwalls / room. Requires 1 headwall 4 oxygen, 4 air, 4 suction and 1 headwall 2 oxygen, 1 air, 2 suction
Emergency Department						
Decontamination Suite	Decontamination Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Triage/Assessment Area	Assessment Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Main Treatment Area - Mental Health Area	Patient Treatment Safe Rooms	4	2	4		1 boom / room. Requires 4 oxygen, 2 air, 4 suction per boom
Main Treatment Area - Mental Health Area	Critical Care Rooms	2	1	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Main Treatment Area - Mental Health Area	Patient Treatment Room, AIR Rooms	4	2	4	2	2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
Specialized Care Area	Cast Rooms	4	2	4	2	2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per headwall

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Component	Space Name	Outlets Per Room					Notes
		Oxygen	Air	Suction	Nitrous Oxide	Nitrogen	
Specialized Care Area	Procedure/Sedation Rooms	4	2	4	2	2	2 headwalls / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
Clinical Decision Unit	Patient Rooms	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Disaster Response Area	EMS Holding Area	6	3	6			1 headwall / bed or stretcher. Requires 2 oxygen, 1 air, 2 suction per bed or stretcher
Procedures Suite							
10 Bed Anesthesia Care Unit Area	Patient Room, Private, AIR Rooms	6	6	3			1 headwall / room. Requires 6 oxygen, 6 air, 3 suction per headwall
27 Bed Anesthesia Care Unit Area	Patient Room, Private, AIR Rooms	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedures Area	Operating Room, Cardiac Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Interventional Radiology Procedure Room (Cardiac Cath) Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Operating Room, Neuro Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Interventional Radiology Procedure Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Operating Room, Ortho/Spine Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Interventional/Trauma Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedure Area	Future Intra-Operative Imaging Room	2	1	2	1	1	Infrastructure only for future requirement - 1 boom / room. Requires 2 oxygen, 2 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
Procedure Area	Future Expansion #11212 & 11211	2	1	2	1	1	Infrastructure only for future requirement - 1 boom / room. Requires 2 oxygen, 2 air, 2 suction, 1 nitrous, 1 nitrogen per headwall
Procedures Area	Operating Room, General, AIR Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area	Operating Room, Minor Rooms	2	1	2	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Medical Imaging							
Procedure Area A, General Radiology/Fluoroscopy	Procedure Room, General	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedure Area A, General Radiology/Fluoroscopy	Procedure Room, Fluoroscopy	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedure Area A, General Radiology/Fluoroscopy	Multipurpose Room (MPR)	4	2	4	1	1	1 boom / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous, 1 nitrogen per boom
Procedures Area B, Ultrasonography	Procedure Room	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per room
Procedure Area C, Computer Tomography (C.T.)	Patient Interview/Consent/ Prep/Injection Room	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedure Area C, Computer Tomography (C.T.)	CT Scanner Room	2	1	2	1		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous per headwall
Procedure Area D, Nuclear Medicine	Patient Preparation/Injection Room	1	0	1			1 headwall / room. Requires 1 oxygen, 1 suction per headwall
Procedure Area D, Nuclear Medicine	Patient Testing Rooms	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedure Area D, Nuclear Medicine	Gamma Camera Room	2	1	2	1		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction, 1 nitrous per headwall
Procedure Area D, Nuclear Medicine	Spec/CT Procedure Room	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Procedure Area E, Magnetic Resonance Imaging	Patient Preparation/Injection Room	2	1	2	2		1 headwall / room. Requires 2 oxygen, 1 air, 2 suction, 2 nitrous per headwall
Anesthesia Care Unit Area	Patient, Private Rooms	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Medical Device Reprocessing							
None							
ACC Entry Facilities							
None							
Renal Dialysis Unit							
Reception/Pause/Exam/Assessment Area	Examination/Intake Room	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Patient Care Area	Patient Room, AIR	2	1	2			1 headwall / room. Requires 2 oxygen, 1 air, 2 suction per headwall
Patient Care Area	Dialysis Area	8	4	8			1 headwall / dialysis area. Requires 2 oxygen, 1 air, 2 suction per headwall
Satellite Pharmacy (Critical Care) and Satellite Milk & Formula Preparation Room							
None							
Medical Equipment Depot/Logistics Hub							
None							