

APPENDIX 3C

MEDICAL GAS REQUIREMENTS

Component	Component Sub-Area	Schedule of Accommodation Ref #	Room Name	Oxygen	Air	Suction	* Nitrous Oxide	Nitrogen	CO2	Note
Med-Surg Hemodialysis Unit										
	Patient Care	21	Patient Room, Private	2	1	2				1 set (2 oxygen, 1 air, 2 suction) per bed
	Patient Care	27	Patient Room, Private (Isolation)	2	1	2				1 set (2 oxygen, 1 air, 2 suction) per bed
	Patient Care	31	Patient Room, Semi-Private	4	2	4				1 set (2 oxygen, 1 air, 2 suction) per bed; (2 sets per room)
	Patient Care	24	Patient Room, Private (Bariatric)	4	2	4				1 set (2 oxygen, 1 air, 2 suction) for patient and 1 set concealed
	Inpatient Support	35	Patient Therapy Room	4	2	4				2 sets (each set is 2 oxygen, 1 air, 2 suction)
	Unit Entrance	02	Family Respite Room	1	1	1				1 set concealed
	Patient Care	15	Family Respite Room	1	1	1				1 set concealed per room
	Inpatient Support	41	Education Room, Patient/Family/Student	2	2	2				2 sets (each set is 1 oxygen, 1 air, 1 suction)
	Inpatient Support	42	Team Conference Room, UBC	2	2	2				2 sets (each set is 1 oxygen, 1 air, 2 suction) concealed
	Inpatient Support	40	Conference Room, Staff	2	2	2				2 sets (each set is 1 oxygen, 1 air, 2 suction) concealed
Med-Surg Neurology Unit										
	Patient Care	21	Patient Room, Private	2	1	2				1 set (2 oxygen, 1 air, 2 suction) per bed
	Patient Care	27	Patient Room, Private (Isolation)	2	1	2				1 set (2 oxygen, 1 air, 2 suction) per bed
	Patient Care	31	Patient Room, Semi-Private	4	2	4				1 set (2 oxygen, 1 air, 2 suction) per bed; (2 sets per room)
	Patient Care	24	Patient Room, Private (Bariatric)	4	2	4				1 set (2 oxygen, 1 air, 2 suction) for patient and 1 set concealed
	Inpatient Support	34	Procedure Room	2	1	2				1 set (2 oxygen, 1 air, 2 suction) per bed
	Inpatient Support	35	Patient Therapy Room	4	2	4				2 sets (each set is 2 oxygen, 1 air, 2 suction)
	Inpatient Support	41	Education Room, Patient/Family/Student	2	2	2				2 sets (each set is 1 oxygen, 1 air, 1 suction)
	Unit Entrance	02	Family Respite Room	1	1	1				1 set concealed
	Patient Care Support	15	Family Respite Room	1	1	1				1 set concealed per room
	Inpatient Support	42	Team Conference Room, UBC	2	2	2				2 sets (each set is 1 oxygen, 1 air, 2 suction) concealed
	Inpatient Support	40	Conference Room, Staff	2	2	2				2 sets (each set is 1 oxygen, 1 air, 2 suction) concealed
Intensive Care Unit										
	Patient Care	22	Patient Room, Private	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	24	Patient Room, Private (Bariatric, Isolation)	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	26	Patient Room, Private (Isolation)	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	23	Procedure Room	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Intensive Care Support	31	Workroom, RT/Biomedical	5	5	5				2 sets for RT, 3 sets for Biomed (each set 1 oxygen, 1 air, 1 suction)
	Pt/Fam/Vis Support	03	Family Respite Room	1	1	1				1 set concealed
	Patient Care Support	13	Family Respite Room	1	1	1				1 set concealed per room
NICU										
	Patient Care	17	Patient Room, Infant	8	4	4				2 sets of 4 oxygen, 2 air, 2 suction per room - one set for baby, one duplicate set
	Patient Care	18	Patient Room, Infant Isolation	8	4	4				2 sets of 4 oxygen, 2 air, 2 suction per room - one set for baby, one duplicate set
	Support Services	41	Workroom, Biomedical	4	4	4				4 sets (each set is 1 oxygen, 1 air, 1 suction)
	Support Services	44	Workroom, RT	2	2	2				
High Dependency Care Unit										
	Patient Care	20	Patient Room, Private	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	24	Patient Room, Private (Bariatric, Isolation)	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	27	Patient Room, Private (Isolation)	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	22	Procedure Room	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Patient Care	31	Shower Room, Stretcher	1	1	1				
	High Dependency Care Support	35	Patient Therapy Room	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
	Pt/Fam/Vis Support	03	Family Respite Room	1	1	1				Concealed
	Patient Care Support	14	Family Respite Room	1	1	1				1 set per room, concealed
	High Dependency Care Support	34	Workroom, RT/Biomedical	5	5	5				2 sets for RT, 3 sets for Biomed (each set 1 oxygen, 1 air, 1 suction)

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Component	Component Sub-Area	Schedule of Accommodation Ref #	Room Name	Oxygen	Air	Suction	* Nitrous Oxide	Nitrogen	CO2	Note
	High Dependency Care Support	41	Education Room	4	3	8				Per boom: 4 oxygen, 3 air, 8 suction
Emergency										
	Ambulance Garage & Entrance Zone	01	Enclosed Ambulance Garage, Emergency	16	16	16				16 sets distributed in the event of mass casualties, concealed
	Entrance Zone	10	Decontamination Room	1	1	1				
	Entrance Zone	17	Secure Holding Room, Police Escort	1	1	1				Concealed
	Entrance Zone	22	Exam Room, Triage	1	1	1				Per room: 1 oxygen, 1 air, 1 suction
		23	Exam Room, Triage, Secure	1	1	1				Per room: 1 oxygen, 1 air, 1 suction
	Entrance Zone	24	Exam Room, Triage, Staff First Aid	1	1	1				Per room: 1 oxygen, 1 air, 1 suction
	Entrance Zone	26	Holding Area, Ambulance Stretcher Triage	8	8	8	Yes			one set (1 oxygen, 1 air, 1 suction) per bay - assuming 8 bays.
	Resuscitation/Trauma Zone	34	Resuscitation/Trauma Room, Adults	8	8	8	Yes			2 sets of 4 oxygen, 4 air, 4 suction per bay
	Resuscitation/Trauma Zone	35	Resuscitation/Trauma Room, Pediatrics	8	8	8	Yes			2 sets of 4 oxygen, 4 air, 4 suction per bay
	Acute Care Zone	49	Treatment Room, Acute Standard	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	Acute Care Zone	50	Treatment Room, Acute Secure	2	1	2				Per room: 2 oxygen, 1 air, 2 suction - concealed
	Acute Care Zone	51	Treatment Room, Acute Large	2	1	2	Yes			Per room: 2 oxygen, 1 air, 2 suction
	Acute Care Zone	53	Treatment Room, Isolation	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	RAZ	68	Treatment Room, RAZ	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	RAZ	84	Specimen Collection Room	2	2	2				Per chair: 1 oxygen, 1 air, 1 suction
	RAZ - Minor Treatment Zone	75	Exam Room, Private	2	1	2	Yes			Per room: 2 oxygen, 1 air, 2 suction
	RAZ - Minor Treatment Zone	76	Exam Room, EENT	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	RAZ - Minor Treatment Zone	77	Exam Room, Gynecology	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	RAZ - Minor Treatment Zone	78	Exam Room, Sexual Assault	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	RAZ - Minor Treatment Zone	73	Treatment Cubicles	2	1	2				Per room: 2 oxygen, 1 air, 2 suction
	Mental Health & Addiction Zone	90	Consult/Interview Room	1	1	1				Per room: 1 oxygen, 1 air, 1 suction - CONCEALED
	Mental Health & Addiction Zone	96	Treatment Room, Secure	2	1	2				Per room: 2 oxygen, 1 air, 2 suction - CONCEALED
	Pediatric Emergency	109	Exam Room, Triage	2	2	2				Per room: 2 oxygen, 2 air, 2 suction
	Pediatric Emergency	116	Exam/Treatment Room	2	2	2				Per room: 2 oxygen, 2 air, 2 suction
	Pediatric Emergency	119	Exam/Treatment Room, Isolation	2	2	2				Per room: 2 oxygen, 2 air, 2 suction
	Pediatric Emergency	123	Procedure Room	2	2	2				Per room: 2 oxygen, 2 air, 2 suction
	Shared Support	134	Workroom, RT/Biomedical	5	5	5				2 sets for RT, 3 sets for Biomed (each set 1 oxygen, 1 air, 1 suction)
	Imaging Satellite	139	Procedure Room, CT	1	1	1				Per room: 1 oxygen, 1 air, 2 suction
	Imaging Satellite	142	General Radiography Room	1	1	1				Per room: 1 oxygen, 1 air, 2 suction
	Imaging Satellite	143	Ultrasound Room	1	1	1				Per room: 1 oxygen, 1 air, 2 suction
	All	n/a	Corridors	40	40	40				40 sets distributed in ED corridors, concealed
Respiratory Therapy Services										
	Equipment Management	08	Assembly & Testing Area	4	4	2				
	Equipment Management	09	Workshop Alcove, Biomedical Eng.	2	2	1				
Laboratory										
	Microbiology	87	Incubator Area						8	Each CO2 incubator requires piped in CO2
	Chemistry	30	Automated High Volume Analyzer Area							1 pressurized air in auto analyzer room
	Chemistry	36	Workroom, Mass Spectrophotometer							2 pressurized air spots in Mass spec room - one for airfuge and one spare

Where nitrous oxide outlets are indicated provide gas scavenging outlets.