

Gas Connections/cGA

NUMERICAL LIST OF CONNECTIONS ASSIGNED TO GASES & GAS MIXTURES

CGA NO.**	GAS OR GAS MIXTURE (LARGE CYLINDERS)	CHEMICAL SYMBOL
280*	Carbon Dioxide - Oxygen Mixture (CO ₂ not over 7.5%)	CO ₂ • O ₂
280*	Helium - Oxygen Mixture (He not over 80.5%)	He • O ₂
280*	Nitrous Oxide - Oxygen Mixture (N ₂ O 47.5% to 52.5%)	N ₂ O • O ₂
280*	Nitrogen - Oxygen Mixture (O ₂ over 23.5%)	N ₂ • O ₂
320	Carbon Dioxide	CO ₂
326	Nitrous Oxide (Formerly 1320)	N ₂ O
346	Air - Up to 3000 P.S.I. (Formerly 1340)	
500*	Carbon Dioxide - Oxygen Mixture (CO ₂ over 7.5%)	CO ₂ • O ₂
500*	Diagnostic & Medically related Gas Mixtures (Non - Flammable & Non-Corrosive)	
500*	Helium - Oxygen Mixture (He over 80.5%)	He • O ₂
540	Oxygen	O ₂
580	Helium, Nitrogen - Up to 3000 P.S.I.	He, N ₂

* Limited Standard.

PIN - INDEXED YOKES STANDARD MEDICAL CYLINDER VALVE YOKE CONNECTIONS

PRESSURES UP TO 3,000 psi

CGA NO. SYMBOL	NUMERICAL LIST OF CONNECTIONS ASSIGNED TO STANDARD MEDICAL CYLINDER VALVE YOKE CONNECTIONS	CHEMICAL SYMBOL
870	Oxygen	O ₂
880	Carbon Dioxide & Oxygen Mixtures (CO ₂ not over 7.5%)	CO ₂ • O ₂
890	Helium & Oxygen Mixtures (Helium not over 80.5%)	He • O ₂
900	Ethylene	C ₂ H ₄
910	Nitrous Oxide	N ₂ O
920	Cyclopropane	C ₃ H ₆
930	Helium/Helium & Oxygen Mixtures (Helium over 80.5%)	He • O ₂
940	Carbon Dioxide/Carbon Dioxide & Oxygen Mixtures (CO ₂ over 7.5%)	CO ₂ , CO ₂ • O ₂
950	Medical Air - Up to 3000 PSI	
960	Nitrogen - Up to 3000 PSI	N ₂
965	Nitrous Oxide & Oxygen Mixture (N ₂ O 47.5% to 52.5%)	N ₂ O • O ₂

DIAMETER - INDEXED SAFETY SYSTEM (D.I.S.S.)

PRESSURES UP TO 200 PSIG OR LESS

CGA NO.	GAS OR GAS MIXTURE	CHEMICAL SYMBOL
1020	Special Mixtures	
1040	Nitrous Oxide	N ₂ O
1060	Helium, Helium - Oxygen Mixtures (Helium over 80.5%)	He, He • O ₂
1080	Carbon Dioxide, CO ₂ - Oxygen Mixtures (CO ₂ over 7.5%)	CO ₂ , CO ₂ • O ₂
1100	Cyclopropane	C ₃ H ₆
1120	Nitrogen	N ₂
1140	Ethylene	C ₂ H ₄
1160	Medical Air	
1180	Oxygen-Helium Mixtures (Helium not over 80.5%)	O ₂ • He
1200	Oxygen - Carbon Dioxide Mixtures (CO ₂ not over 7.5%)	O ₂ • CO ₂
1220	Suction (Vacuum)	
1240	Oxygen	O ₂
2020	Nitrous Oxide - Oxygen Mixtures (N ₂ O 47.5% to 52.5%)	N ₂ O • O ₂
2080	Instrument Air	IAir
2040	Oxygen & Medical air Mixtures	O ₂ - Air
2220	WAGD (formerly evacuation)	WAGD

** Compressed Gas Association