

**TABLE COMPARING CYLINDER REQUIREMENTS FOR COMPRESSED GASES  
IN EIGA, CEN, AND US 49 CFR  
DRAFT: 6/21/1999**

														US CYLINDER TYPE		TEST INTERVAL (YEARS)	
					EIGA	CEN	CFR	CEN	CFR	EIGA	CEN	CFR W	CFR S	W	S	EIGA	CEN
1001	ACETYLENE, DISSOLVED	2.1			-	-	-	-	R	60	60	-	-	-	-	10	5
1002	AIR, COMPRESSED	2.2			2/3 tp	-	-	-	R	-	-	-	-	-	-	10	-
1003	AIR, REFRIGERATED LIQUID	2.2	5.1		-	-	-	-	R	-	-	-	-	-	-	-	-
1005	AMMONIA, ANHYDROUS	2.3	8	D	.53	.53	.54	F	R	33	33	31	66	4	3AL	5	5
1006	ARGON, COMPRESSED	2.2			2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1008	BORON TRIFLUORIDE, COMPRESSED	2.3	8	B	.715, .86	.715	-	A	R	225, 300	220	-	-	-	-	3	3
1009	BROMOTRIFLUOROMETHANE (REFRIGERANT GAS R 13B1)	2.2			1.13, 1.44, 1.60	1.13, 1.44, 1.60	1.24	-	R	42, 120, 250	42, 120, 250	41	55	4BW	3AL	10	10
1010	BUTADIENES, INHIBITED_(1,2-Butadiene, inhibited)	2.1			.59	.59	-	-	R	10	10	-	-	-	-	10	10
1010	BUTADIENES, INHIBITED_(1,3-Butadiene, inhibited)	2.1			.55	.55	-	-	R	10	10	-	-	-	-	10	10
1011	BUTANE	2.1			.51	.51	-	-	R	10	10	-	-	-	-	10	10
1012	BUTYLENE_(1-Butylene)	2.1			1.53	.53	-	-	-	10	10	-	-	-	-	10	10
1012	BUTYLENE_(cis-2-Butylene)	2.1			.55	.55	-	-	-	10	10	-	-	-	-	10	10
1012	BUTYLENE_(trans-2-Butylene)	2.1			.54	.54	-	-	-	10	10	-	-	-	-	10	10
1013	CARBON DIOXIDE	2.2			.66, .75	.66, .75	.68	-	R	190, 250	190, 250	-	248	-	3AL	10	10
1014	CARBON DIOXIDE AND OXYGEN MIXTURE, COMPRESSED	2.2	5.1		2/3 tp	-	-	-	R	-	-	-	-	-	-	10	-
1015	CARBON DIOXIDE AND NITROUS OXIDE MIXTURE	2.2			.75	-	-	-	R	250	-	-	-	-	-	10	-
1016	CARBON MONOXIDE, COMPRESSED	2.3	2.1	D	2/3 tp	2/3 tp	-	F	R	-	1.5	-	-	-	-	5	5
1017	CHLORINE	2.3	8	B	1.25	1.25	1.25	F	R	22	22	50	66	3BN	3AA	5	5
1018	CHLORODIFLUOROMETHANE (REFRIGERANT GAS R 22)	2.2			1.03	1.03	1.05	-	R	29	29	25	33	4BW	3ALA	10	10
1020	CHLOROPENTAFLUOROETHANE (REFRIGERANT GAS R 115)	2.2			1.08	1.06	1.10	-	R	25	25	23	31	3B	3AL	10	10
1021	1-CHLORO-1,2,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 124)	2.2			1.2	1.20	-	-	R	12	12	-	-	-	-	10	10
1022	CHLOROTRIFLUOROMETHANE (REFRIGERANT GAS R 13)	2.2			.83, .90, 1.04,	.83, .90, 1.04,	1.00	-	R	100, 120, 190,	100, 120, 190,	-	248	-	3AL	10	10

KEY: F = Forbidden, O = Optional, R = Required  
W = Welded, S = Seamless, HZ = Hazard Zone

Note: US Test interval is generally five years but may be 3, 10, 12, or 20 years based on the cylinder type, use, condition, etc.; see Annex 1: *Retest and Inspection of Cylinders (49 CFR 173.34(e))*.



1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	2.2			-	-	-	-	-	-	-	25	21	-	-	10	-
1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	2.1			-	-	-	-	-	-	-	-	-	-	-	10	-
1061	METHYLAMINE, ANHYDROUS	2.1			.58	.58	.60	-	O	13	13	23	21	4B	3A	10	10
1062	METHYL BROMIDE	2.3		C	1.51	1.51	-	F	O	10	10	-	-	-	-	5	5
1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)	2.1			.81	.81	.84	-	R	17	17	23	21	4BW	3B	10	10
1064	METHYL MERCAPTAN	2.3	2.1	C	.78	.78	.80	F	O	10	10	25	33	4BW	3A	5	5
1065	NEON, COMPRESSED	2.2			2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1066	NITROGEN, COMPRESSED	2.2			2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1067	DINITROGEN TETROXIDE (NITROGEN DIOXIDE)	2.3	5.1, 8	A	1.3	1.30	-	F	F	10	10	-	-	-	-	3	3
1069	NITROSYL CHLORIDE	2.3	8	C	1.10	1.10	1.10	F	O	13	13	-	55	-	3BN	3	3
1070	NITROUS OXIDE	2.2	5.1		.68, .74, .75	.68, .74, .75	.68	-	R	180, 225, 250	180, 225, 250	-	248	-	4L	10	10
1071	OIL GAS, COMPRESSED	2.3	2.1		2/3 tp	-	-	-	-	-	-	-	-	-	-	5	-
1072	OXYGEN, COMPRESSED	2.2	5.1		2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1073	OXYGEN, REFRIGERATED LIQUID	2.2	5.1		-	-	-	-	R	-	-	-	-	-	-	-	-
1075	PETROLEUM GASES, LIQUEFIED	2.1			-	-	-	-	-	-	-	-	-	-	-	-	-
1076	PHOSGENE	2.3	8	A	1.23	1.23	-	F	F	20	20	-	-	-	-	3	3
1077	PROPYLENE	2.1			.43	.43	-	-	R	30	30	-	-	-	-	10	10
1078	REFRIGERANT GAS, N.O.S.	2.2			-	-	-	-	-	-	-	25	33	-	-	10	-
1079	SULPHUR DIOXIDE	2.3	8	C	1.23	1.23	1.25	F	R	14	14	23	31	4BW	3AL	3	3
1080	SULPHUR HEXAFLUORIDE	2.2			1.04, 1.33, 1.37	1.04, 1.33, 1.37	1.20	-	R	70, 140, 160	70, 140, 160	-	138	-	3AL	10	10
1081	TETRAFLUROETHYLENE, INHIBITED	2.1			.5 MPa	.5 MPa	.90	-	R	200	200	-	166	-	3A	10	10
1082	TRIFLUOROCHLOROETHYLENE, INHIBITED	2.3	2.1	C	1.13	1.13	1.15	F	-	19	19	31	41	4BW	3A	5	5
1083	TRIMETHYLAMINE, ANHYDROUS	2.1			.56	.56	.57	-	O	10	10	23	21	4BW	3A	10	10
1085	VINYL BROMIDE, INHIBITED	2.1			1.37	1.37	-	-	O	10	10	-	-	-	-	10	10
1086	VINYL CHLORIDE, INHIBITED or VINYL CHLORIDE, STABILIZED	2.1			.81	.81	.84	-	R	12	12	16	21	4B	3AL	10	10
1087	VINYL METHYL ETHER, INHIBITED	2.1			.67	.67	.68	-	R	10	10	16	21	4B	3A	10	10
1280	PROPYLENE OXIDE	3			-	-	-	-	-	-	-	-	-	-	-	-	-
1295	TRICHLOROSILANE	4.3	3, 8		-	-	-	-	-	-	-	-	-	-	-	-	-
1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE	2.3		B	1.51	-	-	-	-	10	-	-	-	-	-	5	-
1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2.3		B	.81	-	-	-	-	17	-	-	-	-	-	5	-
1589	CYANOGEN CHLORIDE, INHIBITED	2.3	8	A	1.03	1.03	-	F	F	20	20	-	-	-	-	3	3
1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	2.3		C	2/3 tp	-	-	-	-	-	-	-	-	-	-	5	-
1660	NITRIC OXIDE, COMPRESSED	2.3	5.1, 8	A	2/3 tp	2/3 tp	-	F	F	-	1.5	-	-	-	-	3	3
1741	BORON TRICHLORIDE	2.3	8	C	1.19	1.19	-	F	R	10	10	-	-	-	-	3	3
1746	BROMINE TRIFLUORIDE	5.1	6.1, 8		-	-	-	-	F	-	-	-	-	-	-	-	-
1749	CHLORINE TRIFLUORIDE	2.3	5.1, 8	B	1.40	1.40	-	F	O	30	30	-	-	-	-	3	3
1818	SILICON TETRACHLORIDE	8			-	-	-	-	R	-	-	-	-	-	-	-	-

1858	HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)	2.2			1.11	1.11	-	-	R	22	22	-	-	-	-	10	10
1859	SILICON TETRAFLUORIDE, COMPRESSED	2.3	8	B	.74, 1.1	.74	-	F	R	200, 300	200	-	-	-	-	3	3
1860	VINYL FLUORIDE, INHIBITED	2.1			.64	.64	.62	-	R	250	250	-	248	-	3AL	10	10
1911	DIBORANE, COMPRESSED	2.3	2.1	A	.072	.072	-	F	F	250	250	-	-	-	-	5	5
1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	2.1			.81	-	-	-	-	17	-	-	-	-	-	10	-
1913	NEON, REFRIGERATED LIQUID	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
1941	DIBROMODIFLUOROMETHANE	9			-	-	-	-	O	-	-	-	-	-	-	-	-
1950	AEROSOLS	2			-	-	-	-	-	-	-	-	-	-	-	-	-
1951	ARGON, REFRIGERATED LIQUID	2.2			-	-	-	-	R	-	-	-	-	-	-	-	-
1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2.2			.66, .75	-	-	-	-	190, 250	-	-	-	-	-	10	-
1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1		2/3 tp	-	-	-	-	-	-	-	-	-	-	5	-
1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2.1			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1955	COMPRESSED GAS, TOXIC, N.O.S.	2.3			2/3 tp	-	-	-	-	-	-	-	-	-	-	5	-
1956	COMPRESSED GAS, N.O.S.	2.2			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1957	DEUTERIUM, COMPRESSED	2.1			2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1958	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 114)	2.2			1.30	1.30	-	-	O	10	10	-	-	-	-	10	10
1959	1,1-DIFLUOROETHYLENE (REFRIGERANT GAS R 1132a)	2.1			.77	.77	.73	-	R	250	250	-	303	-	3A	10	10
1961	ETHANE, REFRIGERATED LIQUID	2.1			-	-	-	-	R	-	-	-	-	-	-	-	-
1962	ETHYLENE, COMPRESSED	2.1			.34, .37	.34	.31, .325, .355	-	R	225, 300	220	-	-	-	3AL, 3A, 3AL	10	10
1963	HELIUM, REFRIGERATED LIQUID	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2.1			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	2.1			-	-	-	-	-	-	-	-	-	-	-	10	-
1966	HYDROGEN, REFRIGERATED LIQUID	2.1			-	-	-	-	-	-	-	-	-	-	-	-	-
1967	INSECTICIDE GAS, TOXIC, N.O.S.	2.3		C	-	-	-	-	-	-	-	-	-	-	-	5	-
1968	INSECTICIDE GAS, N.O.S.	2.2			-	-	-	-	-	-	-	-	-	-	-	10	-
1969	ISOBUTANE	2.1			.49	.49	-	-	R	10	10	-	-	-	-	10	10
1970	KRYPTON, REFRIGERATED LIQUID	2.2			-	-	-	-	R	-	-	-	-	-	-	-	-
1971	METHANE, COMPRESSED or NATURAL GAS, COMPRESSED with high methane content	2.1			2/3 tp	2/3 tp	-	-	R	-	1.5	-	-	-	-	10	10
1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content	2.1			-	-	-	-	-	-	-	-	-	-	-	-	-
1973	CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)	2.2			1.05	-	-	-	-	31	-	-	-	-	-	10	-
1974	CHLORODIFLUOROBROMO-METHANE	2.2			1.61	1.61	-	-	-	10	10	-	-	-	-	10	10

	(REFRIGERANT GAS R 12B1)																
1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)	2.3	5.1, 8	A	-	-	-	-	-	-	-	-	-	-	-	3	-
1976	OCTAFLUOROCYCLOBUTANE (REFRIGERANT GAS RC 318)	2.2			1.34	1.34	-	-	R	11	11	-	-	-	-	10	10
1977	NITROGEN, REFRIGERATED LIQUID	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
1978	PROPANE	2.1			.42	.42	-	-	R	25	25	-	-	-	-	10	10
1979	RARE GASES MIXTURE, COMPRESSED	2.2			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1980	RARE GASES AND OXYGEN MIXTURE, COMPRESSED	2.2			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1981	RARE GASES AND NITROGEN MIXTURE, COMPRESSED	2.2			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
1982	TETRAFLUOROMETHANE, COMPRESSED (REFRIGERANT GAS R 14, COMPRESSED)	2.2			.62, .94	.62	-	-	R	200, 300	200	-	-	-	-	10	10
1983	1-CHLORO-2,2,2-TRIFLUOROETHANE (REFRIGERANT GAS R 133a)	2.2			1.18	1.18	-	-	R	10	10	-	-	-	-	10	10
1984	TRIFLUOROMETHANE (REFRIGERANT GAS R 23)	2.2			.87, .95	.87, .95	-	-	R	190, 250	190, 250	-	-	-	-	10	10
1994	IRON PENTACARBONYL	6.1	3		-	-	-	-	-	-	-	-	-	-	-	-	-
2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2.1			2/3 tp	-	-	-	-	-	-	-	-	-	-	10	-
2035	1,1,1-TRIFLUOROETHANE (REFRIGERANT GAS R 143a)	2.1			.75	.75	-	-	R	35	35	-	-	-	-	10	10
2036	XENON, COMPRESSED	2.2			1.24	1.24	-	-	R	130	130	-	-	-	-	10	10
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2			-	-	-	-	-	-	-	-	-	-	-	-	-
2044	2,2-DIMETHYLPROPANE	2.1			.53	.53	-	-	R	10	10	-	-	-	-	10	10
2073	AMMONIA SOLUTION, relative density less than .880 at 15 degrees C in water, with more than 35% but not more than 50% ammonia	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
2186	HYDROGEN CHLORIDE, REFRIGERATED LIQUID	2.3	8	C	-	-	-	-	-	-	-	-	-	-	-	-	-
2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
2188	ARSINE	2.3	2.1	A	1.10	1.10	-	F	F	42	42	-	-	-	-	5	5
2189	DICHLOROSILANE	2.3	2.1, 8	B	.90	.90	-	F	O	10	10	-	-	-	-	3	3
2190	OXYGEN DIFLUORIDE, COMPRESSED	2.3	5.1, 8	A	2.8 MPa	2.8 Mpa	-	F	F	200	1.5	-	-	-	-	3	3
2191	SULPHURYL FLUORIDE	2.3		D	1.10	1.10	1.06	F	R	50	50	50	66	4BW	3A	5	5
2192	GERMANE	2.3	2.1	B	1.02	1.02	-	F	O	250	250	-	-	-	-	5	5
2193	HEXAFLUOROETHANE, COMPRESSED (REFRIGERANT GAS R 116, COMPRESSED)	2.2			1.10	1.10	-	-	R	200	200	-	-	-	-	10	10
2194	SELENIUM HEXAFLUORIDE	2.3	8	A	1.46	1.30	-	F	-	36	20	-	-	-	-	3	3
2195	TELLURIUM HEXAFLUORIDE	2.3	8	A	10	1.00	-	F	-	20	20	-	-	-	-	3	3
2196	TUNGSTEN HEXAFLUORIDE	2.3	8	B	2.70	2.70	-	F	O	10	10	-	-	-	-	3	3
2197	HYDROGEN IODIDE, ANHYDROUS	2.3	8	C	2.25	2.25	-	F	R	23	23	-	-	-	-	3	3
2198	PHOSPHORUS PENTAFLUORIDE, COMPRESSED	2.3	8	B	.9, 1.34	.90	-	F	O	200, 300	200	-	-	-	-	3	3

2199	PHOSPHINE	2.3	2.1	A	.30	.30, .51	-	F	F	225	225, 250	-	-	-	-	5	5
2200	PROPADIENE, INHIBITED	2.1			.50	.50	-	-	-	22	22	-	-	-	-	10	10
2201	NITROUS OXIDE, REFRIGERATED LIQUID	2.2	5.1		-	-	-	-	R	-	-	4	-	-	-	-	-
2202	HYDROGEN SELENIDE, ANHYDROUS	2.3	2.1	A	1.60	1.60	-	F	F	31	31	-	-	-	-	5	5
2203	SILANE, COMPRESSED	2.1			.32, .41	.32	-	-	R	225, 250	220	-	-	-	-	10	10
2204	CARBONYL SULPHIDE	2.3	2.1	C	.84	.84	-	F	R	26	26	-	-	-	-	5	5
2417	CARBONYL FLUORIDE, COMPRESSED	2.3	8	B	.47, .7	.47	-	F	O	200, 300	200	-	-	-	-	3	3
2418	SULPHUR TETRAFLUORIDE	2.3	8	A	.91	-	-	-	F	30	-	-	-	-	-	3	-
2419	BROMOTRIFLUOROETHYLENE	2.1			1.19	1.19	-	-	R	10	10	-	-	-	-	10	10
2420	HEXAFLUOROACETONE	2.3	8	B	1.08	1.08	-	F	R	22	21	-	-	-	-	3	3
2421	NITROGEN TRIOXIDE	2.3	5.1, 8	A	-	-	-	-	F	-	-	-	-	-	-	-	-
2422	OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)	2.2			1.34	1.34	-	-	-	12	12	-	-	-	-	10	10
2424	OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)	2.2			1.09	1.09	-	-	R	25	25	-	-	-	-	10	10
2451	NITROGEN TRIFLUORIDE, COMPRESSED	2.2	5.1		.5, .75	.50	-	F	R	200, 300	200	-	-	-	-	10	5
2452	ETHYLACETYLENE, INHIBITED	2.1			.57	.57	-	-	O	10	10	-	-	-	-	10	10
2453	ETHYL FLUORIDE (REFRIGERANT GAS R 161)	2.1			.57	.57	-	-	O	30	30	-	-	-	-	10	10
2454	METHYL FLUORIDE (REFRIGERANT GAS R 41)	2.1			.36	.36	-	-	R	300	300	-	-	-	-	10	10
2455	METHYL NITRITE	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
2495	IODINE PENTAFLUORIDE	5.1	6.1, 8		-	-	-	-	F	-	-	-	-	-	-	-	-
2517	1-CHLORO-1,1-DIFLUOROETHANE (REFRIGERANT GAS R 142b)	2.1			.99	.99	1.00	-	-	10	10	16	21	4B	3A	10	10
2534	METHYLCHLOROSILANE	2.3	2.1, 8	B	-	-	-	-	-	-	-	-	-	-	-	3	-
2548	CHLORINE PENTAFLUORIDE	2.3	5.1, 8	A	1.49	1.49	-	F	F	13	13	-	-	-	-	3	3
2591	XENON, REFRIGERATED LIQUID	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
2599	CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane (REFRIGERANT GAS R 503)	2.2			.20, .66, .66	-	-	-	-	42, 100, 100	-	-	-	-	-	10	-
2600	CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED	2.3	2.1	D	2/3 tp	-	-	-	-	-	-	-	-	-	-	5	-
2601	CYCLOBUTANE	2.1			.63	.63	-	-	R	10	10	-	-	-	-	10	10
2602	DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane (REFRIGERANT GAS R 500)	2.2			1.01	-	.79	-	-	22	-	25	33	-	-	10	-
2676	STIBINE	2.3	2.1	A	1.2	1.20	-	F	F	20	20	-	-	-	-	5	5
2692	BORON TRIBROMIDE	8			-	-	-	-	-	-	-	-	-	-	-	-	-
2857	REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solutions (UN 2672)	2.2			-	-	-	-	-	-	-	-	-	-	-	-	-
2901	BROMINE CHLORIDE	2.3	5.1, 8	B	1.5	1.5	-	F	-	10	10	-	-	-	-	3	3
3057	TRIFLUOROACETYL CHLORIDE	2.3	8	B	1.17	1.17	-	F	F	17	17	-	-	-	-	3	3
3070	ETHYLENE OXIDE AND	2.2			1.09	-	-	-	-	18	-	-	-	-	-	10	-



