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**EKC INTERNATIONAL FZE, DUBAI**  
**EVEREST KANTO CYLINDER LIMITED, INDIA**

*Clean Energy Solution Company*





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**Company  
Profile**

Established in 1978 EKC has grown rapidly to become the pioneering manufacturers and solution providers for storage of High Pressure gases. The expanding range of Seamless Steel cylinders manufactured by EKC have earned a global reputation for their high standard of quality & compliance to the most stringent specifications laid down by international bodies and local authorities. EKC has eight plants located in India, UAE, China & USA having a total production capacity to manufacture over two million cylinders every year. With the biggest range of cylinders from 1 to 3000 litres, 8 modern manufacturing plants, devotion to quality & flexibility makes EKC a real global supplier of High Pressure cylinders.

EKC today is the largest producer and industry leader of CNG cylinders in Asia. We not only cater to the retrofit CNG market requirements for all vehicles but also supply to leading OEMs. Compressed Natural Gas as an alternative fuel for automobiles is becoming

exceedingly popular worldwide due to its economic advantage and low pollution characteristics. Reliability & Quality of High Pressure CNG Cylinders can't be overlooked due to safety of human life. EKC CNG cylinders are manufactured conforming to specific country national standards or International standards like ISO: 11439, ECER 110, NZ: 5454, ISO: 4705 D, EN: 1964, ISO: 9809-1, IS: 15490, DOT, ASME & ISO: 11120. EKC provides CNG cylinders for all kinds of vehicles such as cars, buses, three wheelers, pick-ups and others. EKC CNG cylinders undergo stringent pressure cyclic testing to assess the fatigue strength, usage life, safety & reliability for application under rough, tough & extreme climatic conditions. All EKC CNG cylinders are epoxy coated on the exterior surface for protection against unfriendly environments. EKC also manufactures cascades as per customer's requirement and large ASME/DOT/ISO vessels for storage & transportation of CNG.

**Storage CNG Cylinders**  
**WORKING PRESSURE - 250 BAR**  
**TEST PRESSURE - 375 BAR**

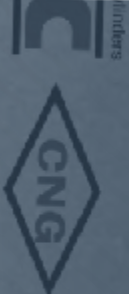
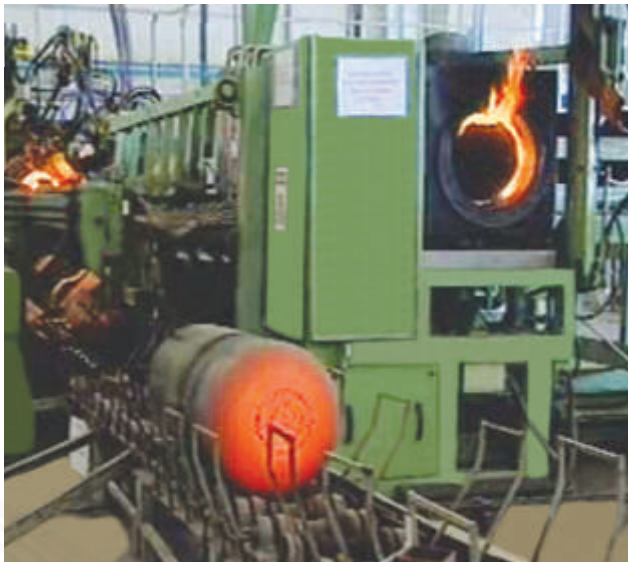
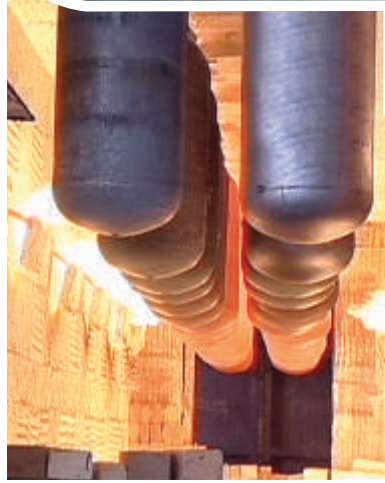
Water Capacity (l)	Diameter (mm)	Gas Capacity (cu.m)	Single Neck		Double Neck	
			Length (mm)	Weight (Kg)	Length (mm)	Weight (Kg)
70	267	21.70	1509	87	1576	90
75	267	23.25	1626	93	1690	96
80	267	24.80	1742	100	1804	103
85	267	26.35	1858	106	1920	109
90	267	27.90	1975	113	2036	115
95	267	29.45	2091	119	2152	122
100	267	31.00	2207	125	2270	128
90	356	27.90	1200	124	1240	119
100	356	31.00	1314	134	1355	130
120	356	37.20	1542	155	1585	151
125	356	38.75	1598	160	1645	157
140	356	43.40	1768	175	1815	173
145	356	44.95	1825	180	1875	178
150	356	46.50	1882	185	1930	184
155	356	48.05	1936	190	1990	189
160	356	49.60	1994	195	2045	195
180	356	55.80	2223	215	2275	216

Cylinders can be manufactured as per EN 1964-1, ISO 9809-1, PED 97/23/EC

**On Board Vehicle CNG Cylinders**  
**WORKING PRESSURE - 200 BAR**  
**TEST PRESSURE - 300 BAR**

Water Capacity (l)	Diameter (mm)	Length (mm)	Weight (kg)	Gas Capacity (cu.m)	Gasoline Equivalent (l)
20	219	718	25	5.00	6.29
25	219	865	30	6.25	7.86
30	219	1012	35	7.50	9.43
40	219	1305	45	10.00	12.57
50	219	1600	53	12.50	15.72
20	229	600	24	5.00	6.29
22	229	650	26	5.50	6.92
28	229	825	31	7.00	8.80
30	229	884	33	7.50	9.43
40	229	1178	43	10.00	12.57
50	229	1472	52	12.50	15.72
20	232	600	24	5.00	6.29
22	232	653	26	5.50	6.92
28	232	815	31	7.00	8.80
30	232	871	34	7.50	9.43
40	232	1149	44	10.00	12.57
50	232	1427	54	12.50	15.72
30	267	670	36	7.50	9.43
40	267	870	44	10.00	12.57
45	267	975	49	11.25	14.15
50	267	1075	54	12.50	15.72
55	267	1175	60	13.75	17.29
60	267	1280	64	15.00	18.86
70	267	1483	74	17.50	22.00
75	267	1585	78	18.75	23.57
80	267	1685	82	20.00	25.14
90	267	1890	92	22.50	28.29
50	316	790	59	12.50	15.72
55	316	860	62	13.75	17.29
60	316	930	66	15.00	18.86
65	316	1000	71	16.25	20.43
70	316	1068	75	17.50	22.00
75	316	1140	79	18.75	23.57
80	316	1210	83	20.00	25.14
90	316	1350	92	22.50	28.29
100	316	1490	101	25.00	31.43
120	316	1775	118	30.00	37.71
50	325	754	58	12.50	15.72
55	325	822	62	13.75	17.29
60	325	890	66	15.00	18.86
65	325	956	70	16.25	20.43
70	325	1025	75	17.50	22.00
75	325	1092	79	18.75	23.57
80	325	1160	83	20.00	25.14
90	325	1295	91	22.50	28.29
100	325	1429	100	25.00	31.43
120	325	1705	117	30.00	37.71
58	356	745	69	14.50	18.23
60	356	765	71	15.00	18.86
65	356	822	76	16.25	20.43
70	356	878	80	17.50	22.00
75	356	935	84	18.75	23.57
80	356	990	88	20.00	25.14
90	356	1102	96	22.50	28.29
100	356	1215	104	25.00	31.43
113	356	1360	115	28.25	35.52
120	356	1440	121	30.00	37.71
130	356	1550	129	32.50	40.86
145	356	1720	142	36.25	45.57
152	356	1800	148	38.00	47.77
80	406	820	90	20.00	25.14
85	406	865	94	21.25	26.72
90	406	905	97	22.50	28.29
100	406	990	105	25.00	31.43
110	406	1077	113	27.50	34.57
120	406	1164	121	30.00	37.71
130	406	1250	130	32.50	40.86
140	406	1338	137	35.00	44.00
150	406	1425	145	37.50	47.14
160	406	1512	153	40.00	50.28

Cylinders can be manufactured as per ISO 11439, NZS 5454, ECE R110





**VERSATILE RANGE:**  
EKC has the biggest range of CNG cylinders for Two Wheelers, Three Wheelers, Cars, Buses, Trucks and Service vehicles.



**IDENTIFICATION:**  
Each EKC Cylinder has a Code number engraved besides the mandatory details through which its history and lot number can be tracked down any time during service life of the Cylinder.



**NECK THREADS:**  
EKC Cylinders are produced with different threads (Parallel or Tapered and closely controlled tolerances) as required by customers on most advanced CNC machines.



**GUARANTEE ON QUALITY:**  
EKC Guarantees performance of cylinders according to hardness, Ultrasonic, Hydrostatic & air leak inspection tests as per relevant manufacturing standards.



**MOST TRUSTED CNG CYLINDERS:**  
Perfect Design & High Quality Management System as per ISO: 9001, ISO/TS 16949 : 2009 at EKC have earned them recognition of most reliable CNG Cylinders. All CNG cylinders are made as per relevant standards of DOT, ISO: 9809, ISO: 11439, ISO: 4705 D, NZS: 5454, EN: 1964, IS: 15490, ECER 110.





TARAPUR, INDIA



GANDHIDHAM, INDIA



KASEZ, INDIA



PLANT I, DUBAI



PLANT II, DUBAI



TIANJIN, CHINA



PITTSBURGH, USA



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