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

On Board Vehicle CNG Cylinders

WORKING PRESSURE - 200 BAR

TEST PRESSURE - 300 BAR

MIN BURST PRESSURE - 450 BAR

Water Capacity Ltr.	Diameter 'D' mm	Length 'L' mm	Weight Approx (kg)	Gas Capacity Cu.m.	Gasoline Equivalent Ltr.
22	232	700	28	5.52	6.95
25	232	785	31	6.3	7.9
30	232	910	36	7.53	9.48
40	232	1175	45	10.0	12.5
50	232	1440	54	12.5	15.6
30	267	725	36	7.53	9.4
40	267	925	44	10.0	12.5
45	267	1025	49	11.3	14.1
50	267	1125	54	12.5	15.6
60	267	1325	61	15.0	18.8
75	267	1625	75	18.8	23.5
80	267	1720	80	20.0	25.0
40	316	723	48	10.0	12.5
45	316	780	49	11.3	14.1
50	316	840	55	12.5	15.6
55	316	910	59	13.8	17.3
60	316	980	62	15.0	18.8
65	316	1050	64	16.3	20.4
70	316	1120	71	17.5	21.9
90	316	1400	88	22.5	28.1
120	316	1825	119	30	37.5
50	324	830	58	12.5	15.6
55	324	900	63	13.8	17.3
60	324	965	74	15.0	18.8
65	324	1035	78	16.3	20.4
75	324	1170	82	18.8	23.5
80	324	1235	92	20.0	25.0
90	324	1370	98	22.5	28.1
58	356	790	66	14.5	18.1
60	356	820	68	15.0	18.8
63	356	855	72	15.7	19.7
65	356	895	76	16.3	20.4
70	356	932	80	17.5	21.9
73	356	970	82	18.2	22.7
80	356	1035	84	20.0	25.0
90	356	1148	95	22.5	28.1
100	356	1280	105	25.0	31.3
120	356	1500	122	30	37.5
145	356	1750	142	36.2	45.4
85	406	890	92	21.2	26.5
90	406	925	97	22.5	28.1
100	406	1042	106	25.0	31.3
112	406	1119	119	28.0	35.0
120	406	1190	133	30.0	37.5
130	406	1300	129	32.5	40.6
140	406	1370	137	35.0	43.8

Storage CNG Cylinders

WORKING PRESSURE - 250 BAR

TEST PRESSURE - 375 BAR

Water Capacity Ltr.	Diameter 'D' mm	Length 'L' mm	Weight Approx (kg)	Gas Capacity Cu.m.	Gasoline Equivalent Ltr.
75	267	1690	102	23.30	25 63
80	267	1790	107	24.85	27.33
90	267	1990	118	27.96	30.78
100	356	1295	129	31.06	34.18
120	356	1560	155	37.27	41.01
125	356	1630	160	38.82	42.72
150	356	1885	179	46.59	51.27

■ Other sizes can be offered on request.

■ All cylinders can be manufactured as per ISO 11439, NZS 5454, ISO 4705 D,EN 1964, IS 15490, ISO 9809-1, ECER 110.





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 CYLINDRS:
Perfected 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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