



*Most Trusted Gas Cylinder*

# EKC INTERNATIONAL FZE

A large, cylindrical high-pressure gas cylinder is shown in a dark environment, illuminated from the side by a bright orange and red light source. The cylinder has a rounded end and a small protrusion on the right side. The background is dark and indistinct.

**Global Pioneers in High-Pressure Cylinders**

**Introduction**

# About us:



- **Everest Kanto Cylinder Ltd. Established in 1978:** A pioneer in manufacturing high-pressure seamless steel cylinders, Jumbo tubes & vessels, and composite gas cylinders
- **EKC Group market cap: \$ 350 million | EKC Group is listed at Indian stock exchange**



## Market Presence:

- Over **30 million** industrial gas cylinders in use globally
- Over **10 million** CNG cylinders operational in markets
- **Wide Range** manufacturing capabilities from **1 liter to 3000 liters** water capacity gas cylinders and jumbo tubes



## Financial Strength:

- Annual group turnover exceeding **\$200 million**

## Global Footprint:

### Manufacturing Plants:

- **India:** 3 plants
- **Dubai:** 2 plants
- **USA:** 1 plant
- **Egypt:** 1 plant (under construction)



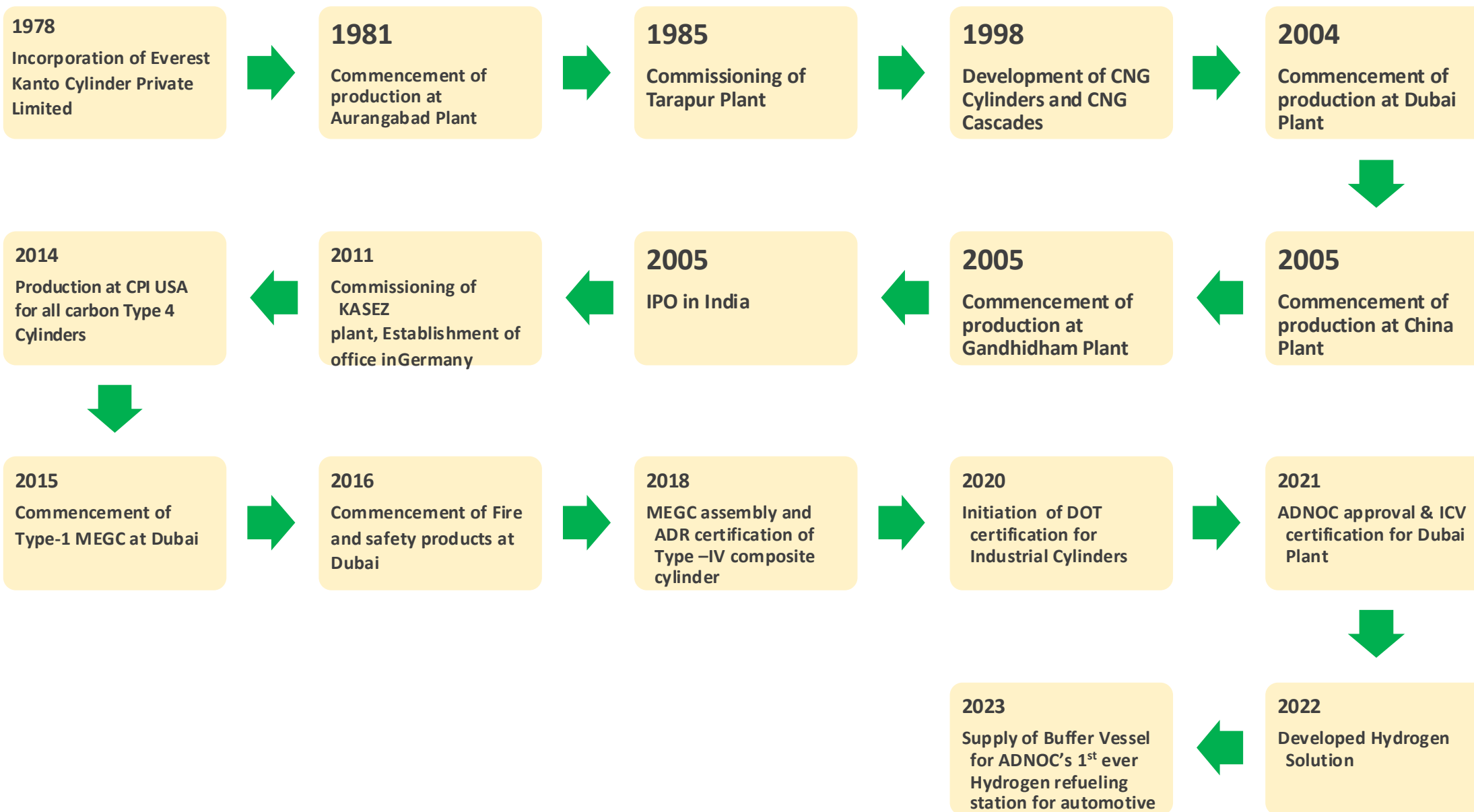
## Market Leadership:

- Dominant presence in domestic markets
- Strong position in international markets

## Commitment to Quality:

- Sustainability, ESG, Green Energy, reduce carbon footprint
- Long-standing reputation for adhering to highest quality standards, ensuring safety & reliability

# Milestones



# Global Presence:



 **MANUFACTURING PLANT**

 **MARKETING OFFICE**

# Approvals:



Quality Control

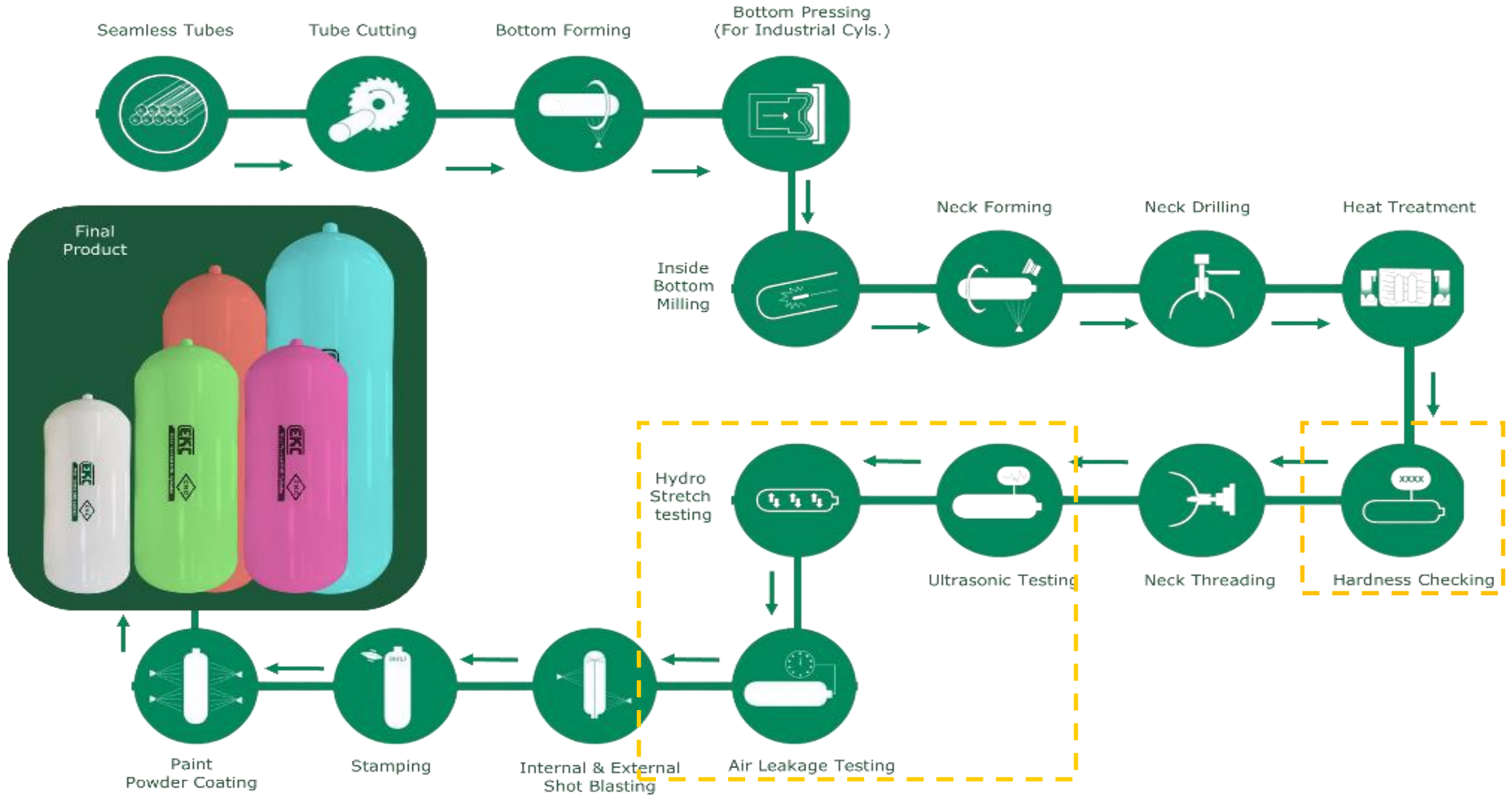
Technology



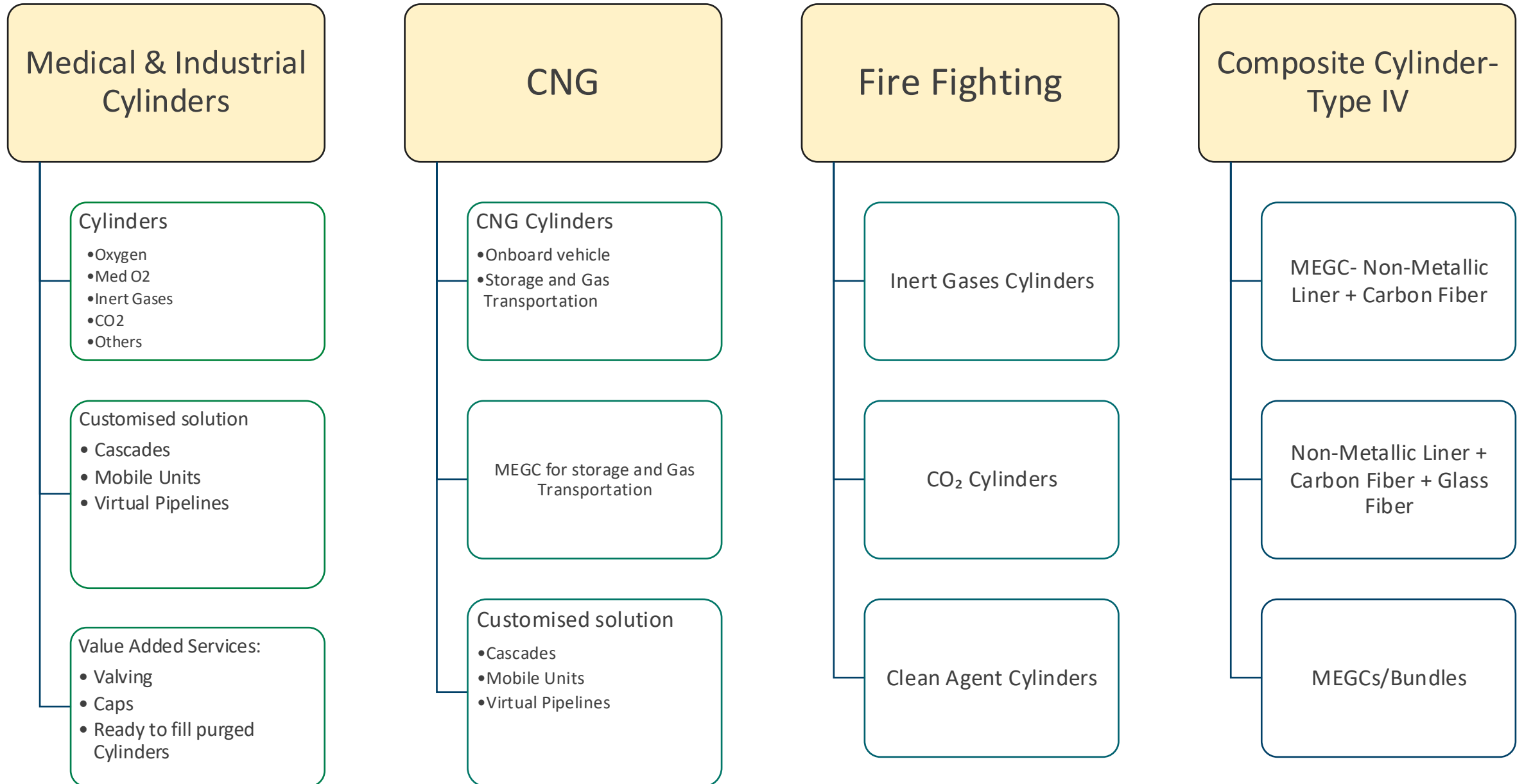
Wide Range

Applications

# Manufacturing Process:



# Business Lines:



# Products and Various Applications



**INDUSTRIAL GASES**



**MEDICAL GASES**



**MULTI ELEMENT GAS CONTAINER**



**JUMBO TRAILER SKIDS**



**FIRE SUPPRESSION SYSTEM**



**BEVERAGE INDUSTRIES**



**CYLINDER BUNDLES/ RACKS**



**OXYGEN BARS**



# Industrial & Firefighting Cylinders:



Diameter:  
178mm to  
406mm

ISO 9809-1,  
9809-2,  
9809-3

Water  
capacity:  
0.5L to  
250L



HYDROGEN  
GAS

IND. & INERT  
GASES

FIRE  
FIGHTING

# Products- Industrial Gases



Diameter : 267 mm								
150 Bar			200 Bar			300 Bar		
Water Capacity	Length	Weight	Water Capacity	Length	Weight	Water Capacity	Length	Weight
30	705	39	30	705	39	30	765	61
34	785	43	34	785	43	35	870	68
40	905	49	40	905	49	40	975	75
45	1005	53	45	1005	53	45	1085	83
50	1105	58	50	1105	58	50	1190	90
56	1225	63	56	1225	63	55	1295	97
60	1310	67	60	1310	67	60	1400	104
67.5	1465	74	67.5	1465	74	65	1510	111
70	1515	77	70	1515	77	70	1615	118
90	1920	95	90	1920	95	90	2040	147
100	2130	103	100	2130	103	95	2145	154
102	2175	105	102	2175	105	100	2255	161

Diameter : 229 mm											
150 Bar			200 Bar			230 Bar			300 Bar		
Water Capacity	Length	Weight	Water Capacity	Length	Weight	Water Capacity	Length	Weight	Water Capacity	Length	Weight
22	700	28	22	700	28	22	720	29	22	750	40
25	765	31	25	765	31	25	795	34	25	835	44
27	835	33	27	835	33	27	850	36	30	980	50
30	920	36	30	920	36	30	930	38	33	1060	53
35	1030	40	35	1030	40	35	1070	43	40	1265	63
40	1195	45	40	1195	45	40	1205	48	45	1405	69
44	1305	49	44	1305	49	44	1315	52	50	1560	76
45	1330	50	45	1330	50	45	1345	53	55	1690	82
46.7	1375	51	46.7	1375	51	46.7	1390	54	60	1835	89
47	1395	52	47	1385	52	47	1400	55	65	1975	95
50	1470	54	50	1420	54	50	1480	58	70	2120	101
55	1605	59	55	1605	59	60	1760	66	72	2178	104



*\*Other cylinders can be manufactured as per customer requirements*

# Products- Large Cylinders:



## CHANGE FOR THE BETTER

At EKC continuous focus is given on improvement of products, services and processes

Cost effective approach like using higher capacity cylinders for storage & transportation of various industrial gases and hydrocarbons.

EKC introduced large capacity concave cylinders up to 220Ltrs for breathing gas systems, INERGEN systems, Helium, Hydrogen and different inert gas mixtures.

Worldwide compressor and equipment OEM uses our pressure vessels

Diameter : 356 mm					
200 Bar			300 Bar		
Water Capacity	Length	Weight	Water Capacity	Length	Weight
60	815	77	60	835	103
68	900	82	70	950	115
70	920	84	80	1065	128
80	1035	94	90	1180	138
90	1145	100	100	1300	150
100	1255	107	110	1415	161
120	1475	124	130	1645	184
140	1710	140	140	1765	196
150	1820	149	150	1880	208
180	2150	173	180	2225	243

Diameter : 406 mm					
200 Bar			300 Bar		
Water Capacity	Length	Weight	Water Capacity	Length	Weight
90	900	100	90	945	148
100	985	107	100	1035	159
120	1155	123	120	1210	180
140	1325	138	140	1390	202
150	1410	146	150	1480	213
160	1500	154	160	1565	223
180	1670	169	180	1745	244
200	1840	185	200	1925	266
220	2010	200			

CNG CYLINDERS FOR ONBOARD VEHICLES



OEM PROJECTS



STORAGE CASCADE FOR CNG STATIONS



BULK GAS TRANSPORTATION



MOBILE REFUELING UNIT



CONVERSION / OEM PROJECTS



# 20' – 40' MULTI ELEMENT GAS CONTAINER - MEGC



# STORAGE CASCADES



Partner of global leading compressor manufacturers such as IMW-Clean Energy, Kwangshin Compressors, SAFE, Agira, Atlas Copco

Storage cascades used as compressor buffer storage of gas in the CNG stations



Storage cascades can be installed at customer-site

Helps in better utilization of movable assets

# PRODUCTS- OIL & GAS, MARINE

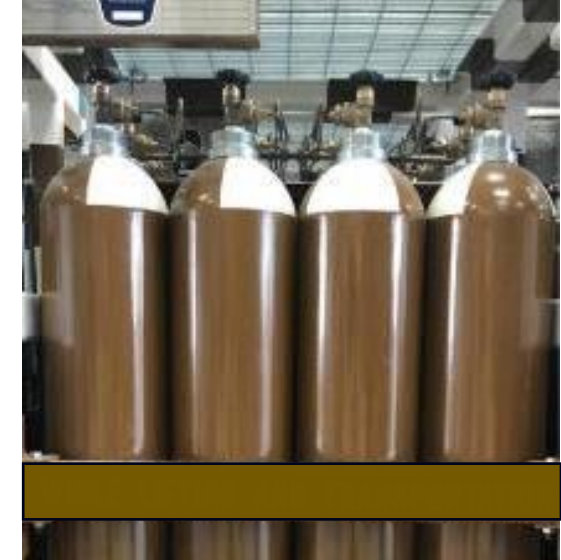


One stop solution provider for Design, Manufacturing, Installation, commissioning & maintenance of the complete storage packages for Marine, Onshore, Off-shore, Oil & Gas applications

Offshore gas storage equipment. Customised sizes of gas quad

Petro-Chemical- gas systems customised designs

Marine Class Certification approved by Bureau Veritas



Customised quads can be designed by our Technical experts as per the customer specific dimensions with DNV certification by SGS

Subjects on requirement other marine class Russian Registrar, DNV-GL can be provided.

DOT and PED / TPED certified cylinders & quads available.

## CNG Onboard cylinders

- ECE: R110 For CNG Onboard cylinders (Europe)
- ISO:11439 For CNG Onboard cylinders (International)
- NZS:5454 For CNG Onboard cylinders (New Zealand)
- GB:17258,24160 For CNG Onboard cylinders (Chinese)
- NGV-2 For CNG Onboard cylinders (USA)

## Gas cylinders

- ISO9809-1/2 For Gas cylinders
- ASME For Gas cylinders (USA)
- US DOT For Gas cylinders (USA)
- TC For Gas cylinders (Canada)
- IS:7285, 15490 For Gas cylinders (India)
- ISO11119-3 For Gas cylinders (Type 4 Composite, International )

## Various other applications

- EN1964-1 For transportable Gas cylinders (Europe)
- ISO11120 For Jumbo Tubes (International)
- TPED For transportable Gas cylinders (Europe)
- ADR/RID/IMDG For MEGC/SKIDS (Europe)
- PED: For Ground storage (Europe)

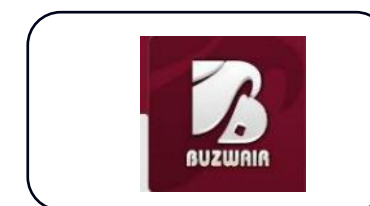


## Manufacturing certifications:

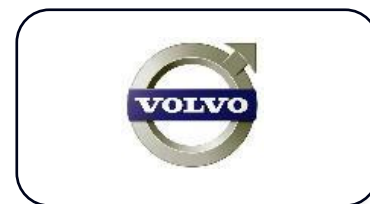
<b>All Plants</b>	<b>ISO 9001:2015</b>
<b>INDIA</b>	<b>IS 7285 (Part 1): 2018, IS 7285 (Part 2): 2017, IS 15490: 2017, ECE R-110:2014, ISO 11439: 2013, ISO 9809-1: 2019(E), ISO 11120: 2015</b>
<b>DUBAI</b>	<b>ISO 11439:2013, ISO 9809-1: 2019(E), ISO:9809-2:2019(E), ECE R110: 2014, ISO 11120:2015, TPED, PED, ADR, IMDG, DOT, NGV 2</b>
<b>CPI-USA</b>	<b>ISO 11439, ISO 11120, ANSI/NGV2(2007) and FMVSS 304 compliant , TPED, PED, ADR</b>



# MAJOR CUSTOMERS - INDUSTRIAL AND SPECIALITY GASES



# MAJOR CUSTOMERS - CNG



# MAJOR CUSTOMERS – FIRE FIGHTING



# Thank You

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