

FIRE FIGHTING SYSTEMS



*Most Reliable Manufacturer
Since 1978*

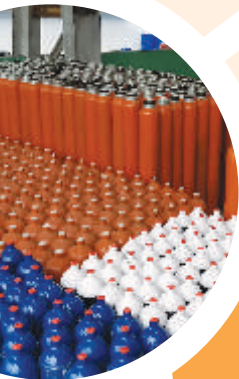




FIRE EXTINGUISHER

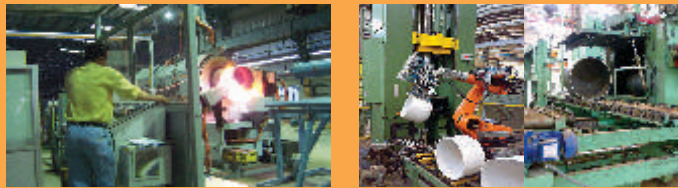
- Biggest supplier of fire extinguisher cylinders in India
- Cylinders are now powder coated for better visual appeal and longevity
- Empty extinguisher Bodies / Cylinder are available in all standard sizes
- Cylinders for Halon gas of 1.8 Ltr & 3.6 Ltr are available
- Convex and concave cylinder bottles are supplied with customer specific neck threading.

Co2 capacity (in kg)	Water Capacity of Cylinders (in Liter)	Weight of Cylinder (in kg)	Length of Cylinder (in mm)
1	1.5	3.2	270
2	3	5.1	365
3	4.5	8.8	425
4.5	6.8	11.8	610
6.5	10.2	16.3	850
9	13.5	20.6	1135
22.5	34	40	1030
45	68	80	1400

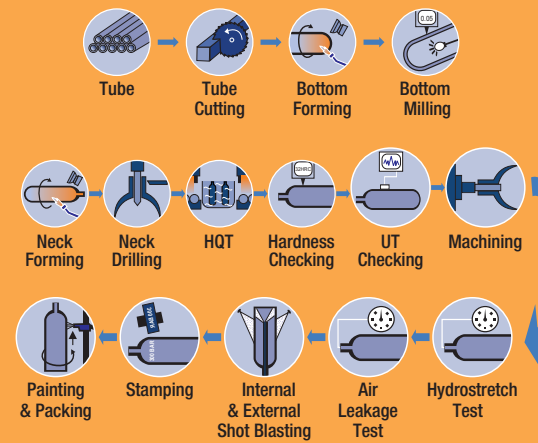


MACHINERY INFRASTRUCTURE

- Highly productive and precise neck spinning & bottom forming machines
- Automatic heat treatment furnace for hardening quenching & tempering process with online SCADA system monitoring
- Computerised stamping machines eliminating human error
- Robotic material handling
- Powder coating paint booths.



Production Process



ALUMINIUM CYLINDERS

- EKC introduces ISI marked light weight Aluminium Cylinders
- Upto 50% lighter than conventional steel cylinders
- Aluminium Alloy body, rust free internal external surface
- Non magnetic, maintenance free
- For use in Co2 Fire Extinguishers & Breathing apparatus
- Lighter Stronger & reliable Powder Coated cylinders.

Water Capacity	Tare Wt. Kg.	Length "L" mm.
2.0	2.4	240
2.5	2.8	280
3.0	3.1	320
3.5	3.5	360
4.0	3.9	405
4.5	4.2	445
5.0	4.6	485
6.0	5.3	563
6.8	5.8	635
7.0	6.0	650
8.0	6.7	730
9.0	7.4	815
10.0	8.1	895

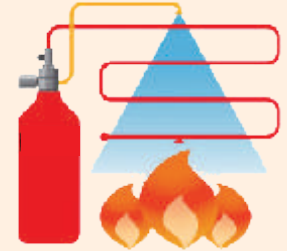


FIRE SUPPRESSION



SEAMLESS STEEL CYLINDER FOR FIRE FIGHTING APPLICATION

Outside Dia. mm	Capacity Liters	Working Pressure Bar	Test Pressure Bar	Length (Appx) mm	Weight (Appx) Kg
108*	1.3	150	225	330	4
	2	150	225	465	5.1
	2.2	150	225	515	5.6
	3.2	150	225	710	7.8
140*	3.2	150	225	450	8.5
	4.5	150	225	610	11
	5	150	225	655	11.8
	6	150	225	775	13.7
	6.8	150	225	855	14.9
165*	9	150	225	1110	19
	10	150	225	920	22.7
232	13.3	150	225	1190	28
		200	300	1190	28
	22	150	225	710	30
		200	300	715	30
	24	150	225	765	31
		200	300	755	33
	27	150	225	845	34
		200	300	835	36
	34	150	225	1030	40
		200	300	1025	43
	40.5	150	225	1200	47
		200	300	1200	48
	45	150	225	1320	50
		200	300	1320	52
	46.7	150	225	1365	51
		200	300	1360	53
50	150	225	1445	58	
	200	300	1435	56	
267	56	200	300	1225	63
	67	200	300	1465	74
	68	200	300	1475	75
	75	200	300	1620	82
	80	200	300	1720	86
356	100	300	450	1355	157
	120	300	450	1595	183
	140	300	450	1835	210



Clean Agent Cylinders:

- FM 200

- Novec 1230

Inert Gases Cylinders:

- IG541 (Inergen)

- IG55 (Argonite)

- IG100 (Nitrogen)

Water Mist Cylinders:

Thread varieties:

- 2" to 3.25" (2A & 2B)

- M50

Cylinders are suitable for UL approval.



1. Other sizes can be offered on request.
2. Cylinder can be provided with ISO, European TPED or PED Certification.
3. Cylinder Neck Threads: W28.8 as per DIN 447, 25E as per EN 629, 3/4"-14 NGT or as per customer specification.
4. Cylinder color as per customer specification.
5. Cylinder valves, if required can be provided as per customer requirement.
6. Cylinder Neck Ring, Valve Guard, Valve Cap can be provided as per customer requirement.
7. *Cylinders Origin "EKC India".





- EKC Group is a market leader in the manufacture of Industrial, CNG and Special Application Cylinders. With over 7 million cylinders in service all over the world of various national & international standards.
 - ISI & CCOE.
 - TPED.
 - DOT 3AA.
- Total five world-class Automated Robotic manufacturing plants.
 - Two in India viz. Tarapur, Kandla.
 - Two are in Dubai (UAE).
 - One fully owned subsidiary in USA, CPI Industries.
- A market leader in Cylinder design & manufacture with a capacity to produce upto 5 lac cylinders per annum.
- Our endeavour to introduce lighter and higher gas capacity cylinders with higher filling pressure, has enabled us to launch newer trends in market.
- Our product ranges from 1 Ltr to 3000 Ltr with pressure rating from 150 Bar to 400 Bar.
- EKC is a one stop solution for all your high pressure gas cylinder requirements.
- We offer quality product at competitive prices.



TARAPUR, INDIA



KANDLA, SEZ



PLANT I, DUBAI



PLANT II, DUBAI



PITTSBURGH, USA



Clean Energy Solution Company

EKC INTERNATIONAL FZE

INDIA - DUBAI - USA - CHINA - THAILAND - EUROPE - SOUTH AMERICA

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