

gifel®
engenharia de incêndio

ISO 9001:2015 Registered

over
30 years
"crafting"
cylinders
with **art**



PINACOTECA
DO ESTADO

PIONEER IN HIGH PRESSURE CYLINDERS MANUFACTURING FOR STORAGE AND TRANSPORT OF LIQUIFIED AND COMPRESSED GASES

Gifel has started its activities in 1975 manufacturing Steel Cylinders and supplying all chain of Compressed and Liquefied Gas Companies. Focusing on High Quality and Updated Technological Concepts, we have concentrated our efforts to satisfy a market of excellence dominated in Brazil by Multinational Air Gases Companies developing our products at the same level as that from the most sophisticated worldwide, submitting them successfully to the most severe standards tests in England and France, proving our superior quality.

Our operation in Brazil and abroad provided us technical knowledge based on research, development and long experience, allowing Gifel to be recognized and approved by International Surveyors like Bureau Veritas, Lloyds Register, Germanischer Lloyd, American Bureau of Shipping and Det Norske Veritas, among others.

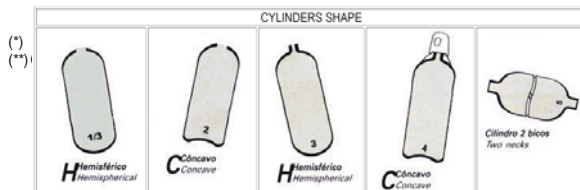
Accepting the challenge to manufacture our cylinders in accordance to such a variety of standards like DOT (Department of Transportation), BS (British Standard), DIN (Deutsche Industrie Normen) and finally ISO (International Standards Organization), Gifel has placed its name on the Top Market and based on this worldwide experience, our Company gave its contribution to the National Standards at ABNT (Associação Brasileira de Normas Técnicas) since its beginnings from the first EB (Brazilian Technical Specifications) to NBRs (Brazilian Standards).

Since 1975, thousands of cylinders have been manufactured, covering a wide range of applications, like: permanent gases, chlorine and chemical compounds, on different volumes and working pressures, from cartridges to truck loaded tanks.

During this mean time, exploring our natural willingness for challenges, in 1978, Gifel manufactured and supplied the first set of cylinders developed specifically for Natural Gas, part of a project named "Projeto Metano", to IPT the most reliable Research Institute in this country, to be applied in vehicles tests.

Working together with car manufacturers, in 1981 Gifel and Volkswagen developed the first Natural Gas-Powered truck and later on supplied all cylinders to Volkswagen Pick Ups to Sanepar (Paraná's Water Treatment Company). Recently Gifel became the exclusive cylinder supplier for GM Astra cars, delivered factory assembled.

Certified ISO 9000 since 1997, our quality standard is recognized through thousands of manufactured cylinders and our continuous operation to ensure full customer's satisfaction. Gifel is engaged to continuously develop products attend the market, ahead of its needs.



PERMANENT GASES CYLINDERS						
Code (*)	Vol. (Lts)	Length (mm)	Weight (kg)	Work Press. (Bar)	Shape	Standard (*)
89.001.205	1,5	345	2,6	200	3	ISO-4705
114.001.205	1,5	240	3,5	200	3/4	ISO-4705
114.003.151	3	400	4,6	150	4	NBR-12791
114.003.205	3	400	4,6	200	4	ISO-4705
139.005.151	5	430	7	150	4	NBR-12791
139.005.205	5	430	7	200	4	ISO-4705
165.007.151	7	440	10,5	150	4	NBR-12791
165.007.205	7	440	10,5	200	4	ISO-4705
165.009.205	9	530	12	200	4	ISO-4705
165.010.205	10	610	12,9	200	4	ISO-4705
165.015.205	15	870	18,5	200	4	ISO-4705
178.015.205	15	740	19,5	200	4	ISO-4705
178.020.205	20	910	24	200	4	ISO-4705
219.020.151	20	700	34	151	4	NBR-12791
219.020.205	20	700	34	200	4	ISO-4705
219.040.151	40	1290	50	151	4	NBR-12791
219.040.205	40	1390	50	200	4	ISO-4705
235.020.151	20	670	31	150	4	NBR-12791
235.020.205	20	670	31	200	4	ISO-4705
235.050.205	50	1420	60	200	4	ISO-4705
273.067.205	67	1450	80	200	4	ISO-4705
273.082.205	82	1700	100	200	4	ISO-4705

VEHICLE NATURAL GAS CYLINDERS						
Code (*)	Vol. (Lts)	Length (mm)	Weight (kg)	Work Press. (Bar)	Shape	Standard (*)
244.030.205D	30	850	42	200	1	ISO-4705D
244.033.205D	33	920	45	200	1	ISO-4705D
244.037.205D	37	990	49	200	1	ISO-4705D
273.030.205D	30	690	44	200	1	ISO-4705D
273.035.205D	35	780	49	200	1	ISO-4705D
273.040.205D	40	880	54	200	1	ISO-4705D
273.050.205D	50	1150	62	200	1	ISO-4705D
323.053.205D	53	850	69	200	1	ISO-4705D
323.057.205D	57	890	70	200	1	ISO-4705D
323.060.205D	60	910	72	200	1	ISO-4705D
323.085.205D	85	1250	96	200	1	ISO-4705D
323.100.205D	100	1480	110	200	1	ISO-4705D
356.065.205D	65	850	85	200	1	ISO-4705D
356.070.205D	70	910	89	200	1	ISO-4705D
356.100.205D	100	1210	115	200	1	ISO-4705D
356.120.205D	120	1480	136	200	1	ISO-4705D

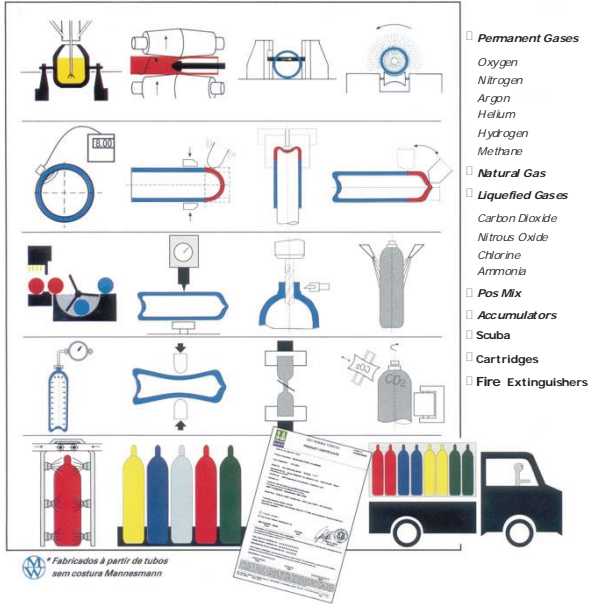
BREATHING APPARATUS CYLINDERS						
Code [□]	Vol. (lts)	Lenght (mm)	Weight (kg)	Work Press (Bar)	Shape	Standard [□]
89.001.203	1,5	345	2,6	200	3	ISO-4705
114.001.203	1,5	240	3,5	200	3	ISO-4705
114.003.203	3	400	4,6	200	3	ISO-4705
165.007.203	7	460	11	200	3	ISO-4705
165.010.203	10	620	14	200	3	ISO-4705
173.008.203	8	508	10,7	200	3	ISO-4705
173.010.203	10	580	12	200	3	ISO-4705
178.010.203	10	530	11,8	200	3	ISO-4705
CHLORINE CYLINDERS						
Code [□]	Vol. (lts)	Lenght (mm)	Weight (kg)	Work Press (Bar)	Shape	Standard [□]
219.040.034	40	1290	50	34	4	NBR-12791
273.055.034	55	1200	74	34	4	NBR-12791
CQ CYLINDERS						
Code [□]	Vol. (lts)	Lenght (mm)	Weight (kg)	Work Press (Bar)	Shape	Standard [□]
63.150.121	0,15	100	1,5	126	1	NBR-12791
63.220.121	0,22	120	0,6	126	1	NBR-12791
63.300.121	0,3	160	0,7	126	1	NBR-12791
63.450.121	0,45	210	1	126	1	NBR-12791
63.675.121	0,67	290	1,4	126	1	NBR-12791
114.001.121	1,5	240	3,1	126	2	NBR-12791
114.003.121	3	400	4,6	126	2	NBR-12791
165.006.121	6	390	9	126	2	NBR-12791
165.009.121	9	530	10,5	126	2	NBR-12791
165.010.121	10	620	12,5	126	2	NBR-12791
165.010.121	10	620	12,5	126	4	NBR-12791
165.010.151	10	620	12,5	150	4	NBR-12791
165.015.121	15	870	17,5	126	2	NBR-12791
219.015.151	15	610	34	150	4	NBR-12791
219.037.151	37	1200	47	150	4	NBR-12791
219.040.151	40	1290	50	150	4	NBR-12791
219.045.151	45	1450	62	150	4	NBR-12791
273.067.121	67	1450	80	126	4	NBR-12791
273.067.151	67	1450	80	150	4	NBR-12791
273.067.205	67	1450	80	200	4	ISO-4705



High Pressure Cylinders



Short view of the manufacturing process*



ROD. DOM GABRIEL P. B. COUTO, km 81,5 - Cx.Postal 054
 PINHAL - CABREÚVA - SP - CEP: 13315-000
 Tel: 11. 4529-7511 - Fax: 11. 4529-7534
 Site: www.gifel.com.br - E-mail: gifel@gifel.com.br
cilindros@gifel.com.br

