

## Gas Pressure Gauges

### Safety Concern

ANZIGA is the peak industry group for the manufacture and distribution of gases in Australia and New Zealand.

It has come to the attention of ANZIGA that pressure gauges supplied with medical gas regulators to the healthcare market may in very rare circumstances have a detached pointer, which may not always be obvious to end users.

Gas pressure gauges are found on standalone medical pressure regulators as well as incorporated with integrated regulator/cylinder packages. They may look like the example in the picture below. Typically these gauges have a pointer soldered to a bourdon tube coil, which moves in response to gas cylinder pressure to indicate remaining gas content. A small number of gauge failures have been observed where the pointer moves independently of the cylinder pressure, and so may therefore give a false indication of cylinder contents.



The purpose of this advisory notice is to raise awareness of the remote possibility of this issue across all bourdon tube type pressures gauges fitted to medical gas regulators, and to encourage those who handle/use medical gas cylinders to check that the gauge pointer does not move independently of pressure change. When relocating cylinders, or handling pressure regulator, if the gauge pointer also moves, then the pressure gauge is likely to be faulty. In this situation, ANZIGA recommends removing the item from service and sourcing a replacement medical gas regulator.

## **ANZIGA**

ANZIGA is the peak industry group for the manufacture and distribution of gases in Australia and New Zealand. As a leading industry association, ANZIGA promotes the highest standards of safety, quality and reliability.

### **ANZIGA aims to:**

- consult with government authorities and organisations that make policy or prepare regulations and standards which govern the production, transportation, storage, handling and use of gases.
- collaborate with other industry and trade organisations on safety and technical matters, including public programs that relate to the gases industry.
- produce information that promotes the safe storage, handling and use of gases.

The members of ANZIGA produce and distribute gases for the health and medical, manufacturing, food, scientific and hospitality industries.

### **Notice of Safety Advice**

In general a notice of Safety Advice is intended to provide information and relevant recommendations on a safety concern relating to the production, transportation, storage, handling and use of gases.

**CONTACTS:**

**Australia and New Zealand Industrial Gas Association  
(ANZIGA)**

ACN 003 067 178

Level 11, 10 Queen Street, Melbourne, Victoria.

PO Box 422, Flinders Lane, Victoria, 8009.

Telephone: +61 3 9611 5412

Email: [office@ANZIGA.org](mailto:office@ANZIGA.org)

Member Companies:

**Air Liquide Australia  
Limited**

ABN 57 004 385 782

380 St. Kilda Road  
Melbourne VIC 3004  
Australia

Adelaide: (08) 8209 3600

Brisbane: (07) 3246 6363

Darwin: (08) 8947 1184

Launceston: (03) 6334 9666

Melbourne: (03) 9290 1100

Perth: (08) 9494 9600

Sydney: (02) 9892 9777

**BOC Limited**

ABN 95 000 029 729

Riverside Corporate Park  
10 Julius Ave

North Ryde NSW 2113

Australia

Telephone: 131 262

Facsimile: 132 427

Emergency Number:

1800 653 572

**Coregas Pty Ltd**

ABN 32 001 255 312

66 Loftus Road  
Yennora NSW 2161

Australia

Telephone:

1800 807 203

Emergency Number

1300 657 070

**Air Liquide Healthcare**

(02) 9364 7474

Emergency Number:

1800 812 588

**BOC Limited (New  
Zealand)**

988 Great South Road

Penrose Auckland,  
New Zealand

Telephone: 0800 111 333

Facsimile: 0800 229 923

**Air Liquide New  
Zealand Limited**

19 Maurice Road

Penrose Auckland,  
New Zealand

Telephone: 09 622 3888

Facsimile: 09 622 3881

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