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2 October 2003

Addressee's Name  
Addressee's Title  
Company Name  
Street Address  
City Country

**IMPORTANT NOTICE**  
**IN THE INTERESTS OF YOUR SAFETY**

**CHANGES TO GAS CYLINDER OUTLET CONNECTIONS**  
**FOR COMPRESSED AIR AND NITROGEN**  
**(including Multimix / Cellamix30)**

Dear Manager,

Recently you will have received a Safety Notice issued from ANZIGA, the Australia and New Zealand Industrial Gas Association (a copy is enclosed). In order to provide you with a safer working environment BOC (along with other Gas Manufacturers and Distributors in Australia) is changing the outlet connections for Air and Nitrogen cylinders. The new outlet connections will meet Australian Standard AS2473-1996.

The main reason for the change is to increase safe handling when working with gases. The new connections have a side outlet and will differentiate Oxygen, Air and Nitrogen. This will prevent cross-connection and subsequent hazards. **Existing regulators and leads used with Air and Nitrogen cylinders will not fit the new connections.** Despite the cylinder differences by label and colour, in poor and inappropriate lighting conditions, it is currently possible for mistakes to occur.

<b>Gas</b>	<b>Old Connection</b>	<b>New Connection</b>
<b>Nitrogen</b> up to 200 bar (including Multimix/Cellamix30)	Type 10	Type 50
Extra High Pressure (EHP) <b>Nitrogen</b> above 200 bar	Type 11	Type 51
<b>Air</b> up to 200 bar	Type 10	Type 60
Extra High Pressure (EHP) <b>Air</b> above 200 bar	Type 11	Type 61

How this affects you:

- Existing regulators and leads used with Air and Nitrogen cylinders will not fit the new connections.
- This change will affect all grades & sizes of Air and Nitrogen \* see table below for list
  - Including Multimix / Cellamix30
  - Excluding Medical Air having a pin index connection.

- Other beverage gas mixtures (eg Cellamix40, 55, 75) will not be affected by this change, due to lower nitrogen content.
- Balloon gas users, who currently use helium balloon filler/regulator to fill balloons with air, will need a new Air balloon filler/regulator.
- BOC can supply new regulators and/or connections and leads, and will work with you for a smooth transition to the new connections.

<b>Gas Code</b>	<b>Description</b>	<b>Gas Code</b>	<b>Description</b>
030	Tyrgas – Industrial	053	Air EHP - Industrial
032	Nitrogen - Industrial Dry	054	Air Instrument Grade – Scientific
033	Nitrogen EHP – Industrial	055	Air Zero Grade – Scientific
034	Nitrogen High Purity – Scientific	057	Air Diving – Medical
035	Nitrogen High Purity – Scientific	129	Nitrogen Laser Grade – Industrial
036	Nitrogen Food – Hospitality	234	Nitrogen Ultra High Purity – Scientific
037	Multimix/Cellamix30 – Hospitality	270	Food Fresh 30 – Hospitality
038	Nitrogen Accumulator Grade – Industrial	480	Air Dry Breathing EHP – Medical
052	Air - Industrial	490	Breathing Air – Medical

- The following table indicates the schedule for change in your region:

<b>Region</b>	<b>Gas</b>	<b>Change Date</b>	<b>Gas</b>	<b>Change Date</b>
SA, NT	<b>Air</b>	1 October 2003	<b>Nitrogen</b>	1 December 2003
WA	<b>Air</b>	1 October 2003	<b>Nitrogen</b>	1 March 2004
VIC, TAS	<b>Air</b>	1 February 2004	<b>Nitrogen</b>	1 April 2004
NSW	<b>Air</b>	1 May 2004	<b>Nitrogen</b>	1 July 2004
QLD	<b>Air</b>	1 July 2004	<b>Nitrogen</b>	1 September 2004

N.B. From these dates all Air and Nitrogen cylinders, from all BOC locations in that Region (including Gas & Gear and Agents) will have the new connections.

What can you do to prepare for this coming change?

- Check the number and type of regulators / leads you have in use for Air and Nitrogen.
- Determine if you need to make the change on the run – are you prepared to manage this transition?
- Will you have the personnel and equipment required to make the change when cylinders need replacing?
- Review options for change-over and determine your preference (refer attached decision process flow).
- New regulators, leads and connector kits are now available for purchase (refer enclosed Equipment Price List.)

If you are unsure what to do, or would like to talk through these options, please call BOC Customer Service on 131 262. For information on Scientific and High Purity regulators, please call the Scientific Support Centre on 1800 658 278. For information on the changes to beverage and balloon products, please telephone 1300 363 109.

Yours faithfully

**Vincent Moreau**

Manager, Compressed Engineering