

## Storage and handling of gases

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### Purpose

The purpose of this document is to set out the requirements of the legislation for the storage and handling of cryogenic and refrigerated liquids in tanks and compressed gases in containers (otherwise referred to as “gases”).

### Scope

The scope of this document is limited to the activities of members of the Australia New Zealand Industrial Gas Association (**anziga**) in New Zealand. These companies are termed Gas Suppliers in this document.

Full members of **anziga** are engaged in the manufacture and distribution of gases used in manufacturing, construction, processing, food, hospitality, scientific, medical and other industries.

### Regulations applicable to the storage and handling of gases

Requirements applicable to the storage and handling of gases are principally written in the following regulations:

- Hazardous Substances (Compressed Gases) Regulations 2004
- Hazardous Substances (Classes 1-5 Controls) Regulations 2001
- Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001
- Hazardous Substances and New Organisms (Personnel Qualifications) Regulations 2001
- Hazardous Substances (Emergency Management) Regulations 2001
- Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004
- Pressure Equipment, Cranes and Passenger Ropeways Regulations 1999
- Associated Amendments to the above Regulations
- Consolidated Gazette Notice 35(2004)/128(2004)/208(2005)

This list is not, however, exhaustive and other Hazardous Substance Regulations can have some relevance

### Code of Practice for the storage and handling of gases

It is proposed to streamline the requirements to store and handle gases and harmonise with requirements in Australia.

The following two Australian Standards are well established industry practice applicable to the installation and storage of Gases:

- AS1894-1997 *The storage and handling of non-flammable cryogenic and refrigerated liquids*
- AS4332-2004 *The storage and handling of gases in cylinders*



Where gas storage installations already meet Class 2 Dangerous Goods regulations (prior to the HSNO regime), these are deemed to comply under the HSNO regime.

## Clarification on open and closed packages for Class 5 gases

For the purpose of Hazardous Substance (Class 1-5 Controls) regulations, gas cylinders in use whilst attached to piping systems are to be considered as closed packages

Yours sincerely,

The Australia New Zealand Industrial Gas Association

## Approval of this position

Jean Pierre Rossi:

Signature

Date

Colin Isaac:

Signature

Date

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