

# INFORMATION SHEET

Code of Practice HSNOCOP 29-1  
NUMBER 62  
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## Flammable Gases and Oxygen Tank Wagons

This industry developed Code of Practice is called:

### Code of Practice for Flammable Gases and Oxygen Tank Wagons

### Codes of Practice: What are they and what is their significance?

Codes of Practice are documents approved by the Authority under Sections 78 and 79 of the HSNO Act. In practice they are approved by the ERMA New Zealand Chief Executive under delegated authority.

Codes of Practice are “how to” documents. They tell you how you can meet the requirements of the HSNO regulations and controls, in a way that is legally defensible. However, following the requirements in a code of practice is **not** mandatory. If you have other ways of meeting the requirements then you can adopt those instead.

Most Codes will be developed by industry or user groups rather than by ERMA New Zealand.

### Where can you get a copy of this Code?

Code HSNOCOP 296-1 was developed by representatives of the gas industry. The code is available from ERMA New Zealand ([www.ermanz.govt.nz](http://www.ermanz.govt.nz)) at the following link:

<http://www.ermanz.govt.nz/resources/publications/pdfs/HSNOCOP%2029-1.pdf>

In addition, a hard copy of the Code will be held at reception in ERMA New Zealand’s Wellington Office for inspection.

### What is the Code about?

The purpose of this Code of Practice is to provide an acceptable solution for the design and construction of tank wagons for the conveyance of flammable gases and oxygen by road. These requirements are set out in the Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004. The Code of Practice applies to all substances with hazard classifications 2.1.1A, 2.1.1B, 5.1.2A as determined by the Hazardous Substances and New Organisms Act 1996.

The aim of the Code of Practice is to ensure that bulk flammable gases and oxygen are securely contained and safely transported, thereby reducing the risks and helping to prevent accidental damage or injury to people, property and the environment.

## What is in the Code?

It is not possible to give a full summary of the Code in this Information Sheet, but the following information will give you a good indication of what is covered in the Code.

The Code includes the following:

- Vehicle design and equipment requirements
- Tank accessories and components
- Repairs
- Transport of Liquefied Petroleum Gas, odorised and unodorised.
- Transport of permanent flammable gases
- Transport of cryogenic liquids
- Transport of anhydrous ammonia
- Vehicle fuel tank construction and testing

## Conclusion

This Information Sheet has been prepared by ERMA New Zealand to help you decide whether this Code would be of relevance to you. It is **not** in itself a Code of Practice.

The Code is primarily intended to assist the fabricators of tank wagons that carry flammable liquids to meet the requirements of the Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004.

## Further information or feedback

ERMA New Zealand publishes Information Sheets on a range of topics to provide background information on current issues or proposals being dealt with by the Authority.

All publications may be viewed and downloaded from our website at [www.ermanz.govt.nz/resources/index.asp](http://www.ermanz.govt.nz/resources/index.asp) or may be requested by contacting ERMA New Zealand, PO Box 131, Wellington. Ph +64 4 916 2426 Fax +64 4 914 0433 Email [info@ermanz.govt.nz](mailto:info@ermanz.govt.nz)