

**The New Zealand Refining Company Ltd
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Code of Practice
Approval of the Department of Labour
Approved Code of Practice for Pressure
Equipment (Excluding Boilers)

Approved Code of Practice
Under the Hazardous Substances and New
Organisms (HSNO) Act 1996

Code of Practice	HSNOCOP 22-1
Version	09-07
Date of Approval:	September 2007

Approval of Code of Practice

This Code of Practice entitled Approval of the Department of Labour Approved Code of Practice for Pressure Equipment (Excluding Boilers) is approved as a Code of Practice No. HSNO COP 22-01 09-07 pursuant to Sections 78 and 79 of the Hazardous Substances and New Organisms Act. The Environmental Risk Management Authority has delegated the power to approve Codes of Practice to the Chief Executive of ERMA New Zealand, and this code is approved in accordance with that delegation. It is confirmed that the requirements of Sections 78 and 79 have been met.

This publication is approved as a means of compliance with the requirements of Clauses 73(3) (a)(iv), (b)(iv), (c)(iv) and (d)(iii) of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended).

The intended publication date in the Gazette for the Notice of Approval of this Code of Practice is 27 September 2007.

Pursuant to Section 80 (1) (a) of the Act, a copy of this Code of Practice may be inspected at the Wellington office of ERMA New Zealand.

Pursuant to Section 80 (1) (b) of the Act, a copy of this Code of Practice is available from the ERMA New Zealand website, and a copy of the Department of Labour code is available at the Department of Labour website <http://www.osh.govt.nz/order/catalogue/792.shtml>.

Approved this 11th day of September 2007.

A handwritten signature in black ink, appearing to read 'Rob Forlong', is written over a faint, light grey watermark that says 'ERMA New Zealand'. The signature is written in a cursive style with a long horizontal stroke at the end.

Rob Forlong
Chief Executive
ERMA New Zealand

1 Introduction

The purpose of this Approved Code of Practice is to approve a means of compliance for the design and operation of certain transfer lines and process pipework.

This Code of Practice applies to pipework that is associated with large stationary tanks. It is recognised that in most situations the head of liquid in such tanks will create pressure in the pipework that may exceed the threshold for pressure equipment under the Health and Safety in Employment (Pressure Equipment, Cranes and Passenger Ropeways) Regulations 1999 (PECPR).

To avoid the situation where two sets of legislation may apply to the same pipework this code recognises that pipework that meets the requirements under PECPR will also meet the requirements under HSNO.

1.1 Scope

This Code provides a means of compliance with the requirements of Clauses 73(3) (a)(iv), (b)(iv), (c)(iv) and (d)(iii) of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended).

Compliance with this Code does not obviate the requirement to comply with other sections of the HSNO legislation (or related regulations) or other legislation such as the Health and Safety in Employment Act 1992.

This code applies only to transfer lines and process pipework downstream of a valve for a stationary tank. This means the flange of the valve furthest from the tank on any valve attached to a tank nozzle.

2 The HSNO Act and the Place of Codes of Practice

The HSNO regulations are largely performance based, that is, they specify a desired outcome without necessarily prescribing how to achieve it. They do not require that a single specific means be used to comply with any regulation and this allows for variations in method used for compliance.

The HSNO Act provides for Codes of Practice approved by the Authority to identify acceptable solutions to comply with the specified regulatory requirements. An Approved Code of Practice provides users with a method of meeting the control requirements with a degree of prescription and assistance.

In addition, specific provisions of the HSNO regulations and Gazetted transfer notices permit Codes of Practice to be approved by the Authority as alternatives to other specified requirements provided they can be shown to provide an equivalent level of safe management.

Clause 73 (3) of Schedule 8 to the Transfer Notice specifies standards for the design, construction, installation, operation, inspection, testing and maintenance of transfer lines and process pipework. Sub clauses (a)(iv), (b)(iv), (c)(iv) and (d)(iii) enable the Authority to approve a code as an alternate to the nominated standards.

3 Approval

This Code of Practice approves the Department of Labour Approved Code of Practice for Pressure Equipment (Excluding Boilers) as an equivalent standard under Clauses 73 (a)(iv), (b)(iv), (c)(iv) and (d)(iii) of Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended).

4 References

The Department of Labour Approved Code of Practice for Pressure Equipment (Excluding Boilers) June 2001. Available from the Department of Labour website <http://www.osh.govt.nz/order/catalogue/792.shtml>