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**Code of Practice for
Approval of UL296 as a Standard for the
Design of a Burner**

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

Code of Practice	HSNOCOP 20-1
Version	05-07
Date of Approval:	29 May 2007

Approval of Code of Practice

This Code of Practice entitled Approval of UL296 as a Standard for the Design of a Burner is approved as a Code of Practice No. HSNO COP 20-1 05-07 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 clause 68 (4)(c) of Schedule 8 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 7th June 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 at <http://www.ermanz.govt.nz/resources/publications/pdfs/COP20-1.pdf>, and a copy of UL296 Standard for Oil Burners is available from Underwriters Laboratories Inc i.e. <http://www.ul.com/info/standard.htm>

Approved this 29th day of May 2007.

A handwritten signature in black ink, appearing to read 'Rob Forlong', is written over a faint, light grey watermark of the ERMA New Zealand logo. 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 standard for the design and construction of a burner for diesel fuel.

This Code provides a means of compliance with the requirements of clause 68 (4)(c) of Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended).

1.1 Scope

This Code of Practice applies to the design and construction of a burner used for the combustion of a Class 3.1D hazardous substance which has a flash point greater than 60°C.

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 and the Building Act 2004.

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 68 (4) of Schedule 8 to the Transfer Notice specifies standards for the design and construction of a burner. Subclause (c) enables the Authority to approve a code as an alternate to the nominated standards.

3 Approval of Design Standard

3.1 Standard

This Code of Practice approves the UL296 *Standard for Oil Burners* for the design and construction of burners under Clause 68 (4).

3.2 Fuel

The burners designed and constructed to this Code of Practice are limited to diesel (automotive gas oil and marine diesel fuel) with a flash point greater than 60°C.

Fuel supplied to burners designed and constructed to this standard must not be preheated.

3.3 Burner Approval

This code of practice does not specify individual designs of burners. Burners designed to the Standard UL296 must be individually approved by the Authority in accordance with Clauses 68 (4) and 68 (5).

4 References

UL 296 means the Underwriters Laboratories Inc. *Standard for Oil Burners*