

Decision under Clause 53, Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 – Gazette Notice 35

Register Reference VAP0802

Under Clause 53 of Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004, the Authority may approve a vaporiser.

Applicant: Vaporgas Equipment Limited

Vaporiser Type: Algas-SDI Aquavaire QH Series

Manufacturer: Algas-SDI International LLC, Seattle, WA, USA

Comment:

These four vaporisers are from the QH series of vaporisers and extend from 3,170 – 8,450 kg/hr LPG capacity. They are based on an LPG burner heating a water bath which in turn vaporises the LPG liquid. Drawings have been supplied as well as details of each vaporiser and an Operations Manual.

It is concluded that the applicant has supplied sufficient information to demonstrate that an approval of the vaporiser is appropriate subject to the following conditions.

Conditions:

1. The vaporisers are approved for LPG use only.
2. Each vaporiser must be installed, sited, operated and maintained in accordance with the manufacturer's instructions, the requirements of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 and the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended).
3. The approval may be withdrawn if the vaporisers develop faults or fail in service.
4. The approval is valid for a period not exceeding 5 years from the date of this approval.
5. The approval is invalidated if there are any changes to the design unless they are approved by ERMA New Zealand.
6. The vaporiser is to conform to the requirements of ASMEVIII.
7. The vaporiser is to have a pressure test that is witnessed by an independent testing authority that is approved by the Department of Labour (as per the Test Pressure stated on the drawings).
8. This approval is limited to approval under clause 53, Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended). All other legislative requirements (e.g. the Resource Management Act, local authority requirements etc) are also required to be complied with.
9. Each vaporiser is to have a manufacturer's certificate.
10. The LPG burner is to comply with the requirements of the Gas Act.
11. The vaporiser is to comply with the requirements of the Electricity Act 1992.
12. The operations and maintenance manual supplied to each customer must include the appropriate appendices.
13. Persons installing the vaporisers are to be trained to ensure the vaporisers are correctly installed.
14. The registration number must be indelibly marked on the vaporisers (e.g. by stamping the identification plate)

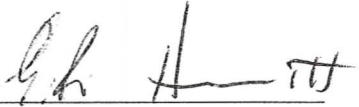
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Signed: 

Lisa Williams, Compliance Advisor

Date: 22 Sept 08

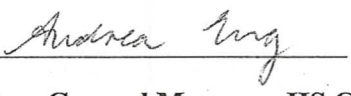
Signed: 

George Hewitt, Senior Compliance Officer

Date: 22/09/08

Taking into account the factors listed above, I am satisfied that the application is appropriate.

The application is approved.

Signed: 

Andrea Eng, General Manager, HS Group

Date: 22/09/08