

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

Register Reference VAP0602

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: Aquavaire Q320V, Q480V, Q640V, Q800V, Q960V

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

Comment:

These five vaporisers are from the QV series of vaporisers and extend from 614kg/hr to 1840 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 The approval may be withdrawn if the vaporisers develop faults or fail in service.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.