

Application for Approval of Vaporiser

This application is made in accordance with Clause 53 Hazardous Substances (Dangerous goods and Scheduled Toxic Substances) Transfer Notice 2004 for approval of vaporisers.

Applicant Details *(name that will be recorded in register)*

Applicant's Name	<input type="text"/>	Phone Number(s)	<input type="text"/>
Contact Name	<input type="text"/>	Facsimile Number	<input type="text"/>
Postal Address	<input type="text"/>		

Is this a new vaporiser application?

Is this an existing vaporiser application? Original approval number

Vaporiser Details

Vaporiser Name and Model N°	<input type="text"/>
Manufacturer Name	<input type="text"/>
Country of Manufacture	<input type="text"/>
Substances intended to be used in the vaporiser	<input type="text"/>
Quantity of substance in the vaporiser	<input type="text"/>

Applicant's Signature

Signature Date

Application Costs:

There is an application fee of \$337.50 plus GST which is to accompany the application. Additional time is to be charged at \$112.50 plus GST per hour and actual costs for external experts will be charged at cost.

Date application received Date application fee received

1. Guidance: Application for Approval of a Vaporiser

Vaporisers for use with hazardous substances require approval under Schedule 8 clause 53 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended) before they can be used in New Zealand. This approval is sought from the Environmental Risk Management Authority (ERMA).

In order to achieve this approval, vaporisers require assessment. This may be undertaken by ERMA staff or external specialists.

The two principal categories of applications include:

- (a) A vaporiser which is an existing design that has been previously approved. The duration of the approval may have expired or there may have been some changes affecting the design of the vaporiser.
- (b) A vaporiser which is to a design that has not been previously approved (i.e. does not appear on the Register of Approved Vaporisers) and which requires approval by the Authority.

Each vaporiser that is approved will be allocated a register number which must be permanently marked on the vaporiser, preferably by means of a stamped plate. The details of the vaporiser will be entered into the register, which is available by accessing the ERMA website (www.ermanz.govt.nz).

Schedule 8 clause 53 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (as amended) does not nominate specific standards for the design and construction vaporisers. Emphasis is placed on the vaporiser's design and operational performance suitability for the conditions and substances in New Zealand, e.g., the butane-propane ratio for LPG in New Zealand may be different from the country that the vaporiser is sourced from.

2. Forwarding the Application

Forward the application and accompanying documentation to:
 Environmental Risk Management Authority
 PO Box 131
 Wellington
 Attention: Hazardous Substance Compliance

3. Information Required to Support Applications for New Vaporisers

The Authority **will require** the following information, which must be in English (or the applicant must arrange at their expense for an accurate translation of all necessary documentation) and which is required to be **attached to the application**.

	Information requirement	Evidence sought	Tick when included
3.1	Design standard which the design conforms to.	Copy of certification for the vaporiser	
3.2	Full details concerning the manufacturer.	Name, address, location of manufacturing facility, country of origin, credentials for the manufacturing of vaporisers.	
3.3	Evidence of manufacturer's capability.	Copy of certification from a recognized body that has audited the manufacturer's QA/QC systems.	
3.4	Full descriptions of all brand names	Series and model numbers of the design to be approved, as well as the capacity of each model.	

	Information requirement	Evidence sought	Tick when included
3.5	Manufacturer's drawings and specifications, including flow rates	Copies of design drawings and specifications. Copies of product information.	
3.6	The method of operation	Description and/or schematic diagrams explaining the operation of the vaporiser. Details of safety mechanisms and protection controls are to be included.	
3.7	Substances vaporiser is designed for	A list of the substances which the vaporiser is intended to be utilised for.	
3.8	A report specifying compliance with the standard to which the vaporiser is designed	A report from a test laboratory accredited for testing items for compliance with the design standard. Alternatively a certificate of compliance from a recognised testing agency (e.g. UL) will be considered if a full report is unavailable. Where the standard only requires a manufacturer's verification to the standard, this verification must be provided.	
3.9	Overseas approvals	Evidence of acceptance by regulatory bodies elsewhere (where available).	
3.10	Installation and operating instructions	A copy of the installation and operating instructions for each model	
3.11	Pressure Tests	Verification of the pressure tests undertaken. Where these are witnessed by a third party, a certificate must be provided by that third party.	
3.12	Method of heating	Details on how the vaporiser is heated (direct or indirect)	
3.13	Electrical design details	Details of electrical standards together with details of the certifying agency and a copy of the certificate of conformity. If the vaporiser is of a flameproof or intrinsically safe electrical design, details of the electrical certification (e.g. CENELAC, ATEC).	
3.14	Training of competent persons in the installation procedures	Confirmation that training will be facilitated. This can be provided by a statement.	

Note 1: Product sales catalogues on their own are of limited value in an approval process as they do not normally contain anything other than superficial technical information.

Note 2: Approvals will not be granted for longer than 5 years at which time a renewal must be sought. This does not affect vaporisers already installed.

4. Information Required to Support Applications for Renewal of Vaporisers

The process of renewal of an approval for a vaporiser is a validation that the vaporiser design is still current. In particular, changes to any or part of the original design approval must be approved by the Authority before vaporisers incorporating the changes can be installed.

Hence, the Authority will require the following information, which should be attached to the application.

	Information requirement	Evidence sought	Tick when included
4.1	Design standard which the vaporiser conforms to.	If the design standard has been withdrawn or the vaporiser is designed to a standard which is different from that previously approved, the design should be withdrawn and a new design to the new standard is required.	
4.2	Design changes	If there have been design changes, details of all changes must be included together with details of any recertification obtained. If no changes have occurred, a statement to this effect must be provided.	
4.3	Details of the manufacturer.	If the manufacturer has changed, the information as required for a new approval must be provided. Note – change of ownership is acceptable if evidence is provided that no other changes have occurred. If no changes have occurred, a statement to this effect must be provided.	
4.4	Descriptions of all models	If the models has changed, the information as required for a new approval must be provided. If no changes have occurred, a statement to this effect must be provided.	
4.5	Descriptions of brand names	If the brand names have changed, details of the new brand names must be provided.	
4.7	Substances vaporiser designed for	Have the substances changed? If so, test reports encompassing the new substances must be provided.	
4.8	Reports of operation.	Where there have been reports of unsafe operation, copies of the reports must be provided. Alternately, a statement that there have not been any reports of unsafe operation must be provided.	

Note. If a design is withdrawn, it does not invalidate vaporisers already installed during the period that the design was approved, unless an issue demands a recall.