

APPLICATION for APPROVAL of a TYPE B GAS DEVICE (HYDROCARBON REFRIGERANTS)

Petroleum and Gas (Production and Safety) Act 2004

Pursuant to s731AA the Chief Inspector, Petroleum and Gas or the holder of a gas device approval authority may approve a Type B Gas Device for sale, installation or use.

This form should be used for all applications for approval of a Type B gas device using flammable hydrocarbon refrigerants in fixed refrigeration or air conditioning applications, as specified in AS5149 Part 1.

The original completed application and all supporting documentation must be submitted.

Please print clearly in ink and use block letters.

For enquiries on Type B device (HCR) approvals, please contact -

Petroleum and Gas Inspectorate
Resources Safety and Health Queensland
Phone: 07 4936 0188
Email: pgnorthern@rshq.qld.gov.au

Company/Responsible Person Details				
Company Name: _____				
ACN: _____	Company is a: <input type="checkbox"/> Manufacturer, or <input type="checkbox"/> supplier			
Responsible Person's Full Name: _____				
Responsible Person's Position: _____				
Business Address:				
Street Number _____	Street Name _____	Suburb _____	State _____	Postcode _____
Postal Address (if different to business address)				
Address or PO Box _____	Suburb _____		State _____	Postcode _____
Business Phone _____ Mobile Phone _____ Email _____				
Application Details				
Separate applications should be made for separate device types, but multiple models can be listed for the same device. (Additional attachments can be provided.)				
Device Type (e.g. refrigerator/freezer/air conditioner): _____				
Model Number	Refrigerant Used (ie R600)	Refrigerant Charge (kg)	Proposed Occupancy Category: (Section 5.1 – AS/NZS5149)	Any additional device details

Information Required to be submitted	Yes	No
Test report from certified testing agency	<input type="checkbox"/>	<input type="checkbox"/>
Certification from manufacturer that the appliance is approved for use with flammable hydrocarbon refrigerants	<input type="checkbox"/>	<input type="checkbox"/>
Operating Instructions (where relevant)	<input type="checkbox"/>	<input type="checkbox"/>
Installation Instructions (where relevant)	<input type="checkbox"/>	<input type="checkbox"/>
Are the devices suitably marked to alert potential repairers that flammable refrigerant is used?	<input type="checkbox"/>	<input type="checkbox"/>
Does the operating manual state that flammable refrigerant is used?	<input type="checkbox"/>	<input type="checkbox"/>
Are all these warnings referenced in the test / safety report?	<input type="checkbox"/>	<input type="checkbox"/>
Does the design preclude the accumulation of leaked gas?	<input type="checkbox"/>	<input type="checkbox"/>

Previous Approval Certificates	Yes	No
Does this company hold certificates for previously approved hydrocarbon refrigerant gas devices?	<input type="checkbox"/>	<input type="checkbox"/>
If 'Yes', list Type B Gas Device Approval Certificate Number/s:		

Authorised Service Agents Please provide contact details for all authorised service agents for these devices. (Further contacts can be included as an attachment.) Note: providing the names of these service agents does not authorise the agent to undertake gas work on these devices unless a separate individual Gas Work Licence (Hydrocarbon Refrigerants) has been approved.				
Company	Authorised Person Name	Address	Phone	Licence Number (if known)

Endorsement of Applicant

Declaration

The application must be signed by the CEO or senior person in the organization applying for approval.

I, the undersigned, declare that

- a) The information and attachments provided in this application and supporting documentation / submission are true and correct in every way.
- b) I have complied with the requirements under the *Petroleum and Gas (Production and Safety) Act 2004* and the *Petroleum and Gas (Safety) Regulation 2018* relating to flammable hydrocarbon refrigerants.
- c) The appliance is approved for use by the manufacturer with flammable hydrocarbon refrigerants.

- d) Appliances for which the use will fall within the scope of the Standards listed below conform to the requirements of those Standards (*tick relevant Standards*)
- AS/NZS 5149.2:2016 Refrigerating systems and heat pumps – Safety and environmental requirements Design, construction, testing, marking and documentation.
 - Safety report in accordance with section 138 of Petroleum and Gas (Safety) Regulation 2018
 - AS/NZS 60335.2.24 'Household and similar electrical appliances - Safety - Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers'
 - AS/NZS 60335.2.40:2019 'Household and similar electrical appliances - Safety - Particular requirements for Electrical heat pumps, air conditioners and dehumidifiers
 - AS/NZS 60335.2.89:2020 'Household and similar electrical appliances – Safety – Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor
 - AS/NZS 60079.10.1:2009 'Classification of areas – Explosive gas atmospheres'
- e) Where applicable the installation instructions for the appliance make direct reference to requiring the installation to comply with AS/NZS 60079.10.1:2009, ensure there are not sources of ignition in any area where refrigerant could gather in the event of a leak.
- f) Where applicable to comply with AS/NZS 60079.10.1:2009, operating instructions for the appliance advise that electrical equipment should not be placed under the vent or where refrigerant could gather in the event of a leak.
- g) The installation instructions refer to Queensland installation / servicing requirements (ie the need for a Gas Work Licence (Hydrocarbon Refrigerant) if the appliance gas system is being opened or charged).
- h) I will advise the Chief Inspector Petroleum and Gas of the names, addresses and contact details of the new authorised installation / servicing agents intending to undertake work in Queensland of the Queensland legislation licence requirements.
- i) I will abide by the terms and conditions of the approval, if granted.

Signature: _____

Date: _____