



Tasmania

DEPARTMENT of
INFRASTRUCTURE,
ENERGY and RESOURCES

Certificate of Authorisation

Product: **Gould GT Systems GT150 & GT500 Effluent Filters.**

Manufacturer: **Gould GT Systems**
Palmerston North New Zealand

Gould GT Systems GT150 and GT500 effluent filters are authorised for use in plumbing installations in Tasmania in accordance with Specification C.1.8.3 of the Tasmanian Plumbing Code, subject to the following conditions.

1. That the filters:
 - a) offered for sale must be of similar design, materials and construction to those detailed in documents submitted to the Department of Infrastructure, Energy and Resources on 27 June 2000 and listed in Annexure A.
 - b) must be installed and maintained in accordance with the manufacturer's instructions.
 - c) must not be installed in systems where they will be in contact with chlorine or chlorine water.
 - d) must not be installed in an existing or new system other than with the provision of an access riser to facilitate required servicing. The riser is to be connected to the chamber to which the filter/s is installed and be brought to the finished surface level in accordance with AS/NZS 1546.1:1998.
 - e) must not be installed in a plumbing installation other than in accordance with a Special Connection Permit issued under the Plumbing Regulations 1994.
2. This Certificate of Authorisation will remain valid for five years from the date shown below. Any modifications made to the filters or covering documentation must be discussed with the Agency responsible for the authorisation of plumbing products and may be subject to additional testing.
3. **This Certificate of Authorisation may become void should Gould GT Systems fail to meet the above and further conditions of authorisation set out in the attached Annexure A.**

David Crean
Acting Minister for Infrastructure, Energy and Resources

7 August 2000

Certificate No. 00/2

Certificate of Authorisation - ANNEXURE A -

Gould GT Systems New Zealand – GT 150 & GT 500 Effluent Filters.

CONDITIONS OF AUTHORISATION

1. The manufacturer's documentation must be amended specifically in the Cleaning/Maintenance procedures and address occupational health and safety matters. For cleaning and maintenance, add the following, or wording to that affect. "The GT150 filter must be cleaned every 2–3 years and the GT500 must be cleaned every 18 months or when the septic tank is normally inspected and pumped out, as may be required by the conditions of the Special Connection Permit issued by the Council. However, this may be conditional on the quality of the effluent presented to the filter/s; therefore more or less frequent cleaning may be required." For occupational health and safety, adequate advice must be provided to educate untrained users concerning the risks involved in cleaning and maintaining the filters.
2. Sufficient supervision and control must be exercised at all stages of manufacture of the Gould GT Systems GT150 and GT500 effluent filters to ensure that all units offered for sale will be of similar design, materials and construction to that described in documents submitted to the Department of Infrastructure, Energy and Resources on 27 June 2000.
3. The design of all major and critical components and materials in the Gould GT Systems GT150 and GT500 effluent filters is frozen. The design freeze will include labelling, packaging and instructions for use, care, installation and maintenance as applicable.
4. Should Gould GT Systems become aware of the existence of any Gould GT Systems GT150 and GT500 effluent filters which have:
 - a) been found not to be durable or fit for purpose, or not to comply with the relevant parts of the Tasmanian Plumbing Code 1994, or
 - b) critical or major defects, that –
 - i) have been released for sale;
 - ii) are being offered for sale; or
 - iii) have already been sold,the following action must be taken:
 - A. Gould GT Systems must promptly inform the Secretary of the Department of Infrastructure, Energy and Resources that a problem is believed to exist.
 - B. Gould GT Systems must immediately investigate the problem to determine its nature, severity and the extent to which it exists.
 - C. If, during the investigation phase, there are indications of non-compliance, Gould GT Systems must immediately withdraw the affected filters that have been released or offered for sale in Tasmania.
 - D. Gould GT Systems must arrange the Tasmanian recall of affected filters that have already been sold, or take such other action as may be determined by the Secretary.

SUPPORTING DOCUMENTS

- Application and undertaking dated 23 June 2000, attachments detailing the products and their installation, and maintenance requirements;
- Hamish Wells, Civil Engineer - letter verifying the products' performance in wastewater treatment systems;
- Letter from Clariant New Zealand verifying the filter cartridge materials' chemical resistance in sewer effluent application;
- Facsimile from Vanglobe New Zealand dated 7 June, 2000 verifying the filter cannister materials' suitability in septic tanks.
- Various reports on effluent sample results for Biochemical Oxygen Demand and Suspended Solids contained in the effluent after passing through the filters.

David Crean

Acting Minister for Infrastructure, Energy and Resources

7 August 2000