



## Tasmanian Plumbing Code 1994

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### PART C2 - SYSTEM ACCREDITATION

No. 5

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<b>TYPE OF SYSTEM :</b>	Aerated Waste Water Treatment System
<b>TITLE:</b>	Replacement of Chlorine disinfection on the approved Septech Turbojet 3000 Domestic AWTS with ultraviolet irradiation (UV) disinfection Model LC 30.
<b>APPLICANT:</b>	Terry Bradley Managing Director CSR HUMES SEPTECH 516 Main Road Lilydale Tas
<b>MANUFACTURER:</b>	Ultra violet Technologies of Australia Pty Ltd (disinfection unit) 71 Lewis Road Glynde SA 5070
<b>SYSTEM DESCRIPTION:</b>	The Septech Turbojet 3000 Domestic AWTS with chlorine disinfection was previously approved on 26/2/96. This approval relates to replacing the chlorine disinfection with ultraviolet irradiation (UV) disinfection.
<b>SPECIFICATION:</b>	As included in Ultraviolet Technology of Australia Pty Ltd specifications.
<b>SUPPORTING DOCUMENTS:</b>	Letter of 4 September 1998 to the Launceston City Council from applicant. Ultraviolet Technology of Australia Pty Ltd - Installation and operating Instruction Manual - Ultraviolet Sterilisation System - Model LC 30 Ultraviolet Technology of Australia Pty Ltd Model LC Series pamphlet Ultraviolet Technology of Australia Pty Ltd Ultraviolet Disinfection for Wastewater pamphlet. Australian Water Quality Centre Report - The disinfection capabilities of the Terminator Unit using a wastewater of poor physical quality and high microbial load.
<b>CONDITIONS OF ACCREDITATION:</b>	The accreditation of the ultraviolet irradiation (UV) disinfection unit, [Model LC 30], for use with an approved Septech Turbojet 3000 Domestic AWTS is interim only at this stage. This interim accreditation allows for up to 3 units to be installed. Each unit is to undergo a minimum of 6 month testing arranged in conjunction with the relevant council and paid for by the applicant. Testing to include a 3 month full operational period during the winter months.

If the unit fails the testing process, the unit is to be replaced with the previously approved chlorine disinfection unit.

The unit shall not be installed in a plumbing installation other than in accordance with the conditions of a *Special Connection Permit* issued by the relevant Council under the *Plumbing Regulations 1994*. The conditions of the *Special Connection Permit* shall include the following:

- All plumbing work installed in connection with the unit must comply with the *Tasmanian Plumbing Code*.
- The unit to comply with the *Guidelines for the installation and operation of aerobic waste water treatment systems* produced by the previous Tasmanian Department of Health
- The owner of the system must enter into and maintain a Maintenance Contract with the Council or the Manufacturer [or a Council approved person].
- The Owner must enter into an Agreement with the Council to maintain a required Maintenance Contract with the Manufacturer [or a Council approved person] . The Agreement is to be binding on future owners and be registered against the land. [Section 55 of the *Local Government (Building and Miscellaneous Provisions) Act 1993*]
- The Manufacturer [or a Council approved person] must advise the Council immediately upon default of an Owner in not maintaining the Maintenance Contract.

**NOTE:**

In the event of an Owner's default in failing to comply with the conditions of the Special Connection Permit, the Council may take action to obtain compliance in accordance with the *Plumbing Regulations 1994*.

Date recommended by Building & Plumbing Regulations Board:	11 February 1999
Date Certificate of Accreditation issued by Minister:	24 March 1999