

# Approval certificate

## Trade waste pre-treatment product



**Applicant:** Tank Solutions Pty Ltd  
**Postal address:** PO Box 623 Raymond Terrace, NSW, 2324

**Manufacturer:** Tank Solutions Pty Ltd  
**Address:** PO Box 623 Raymond Terrace, NSW, 2324

**Attention:** Andrew Dickinson  
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### Product description

The Tank Solutions AQUATOR Class 1 oil water separator is a full retention separator that can contain and prevent light liquid pollutants from discharging into sewers. It has two chambers, a coalescing unit and is fitted with an automatic closure device designed to treat and contain significant oil spills.

Treatable flow rates range from 6 L/s to 60 L/s. Above and below ground installations are possible.

The approval certificate applies to the pre-treatment products of the following sizes:

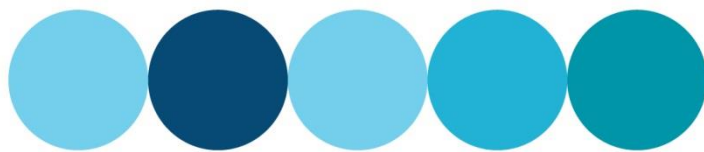
Approval Number	Model	Max Flow (L/s)	Max Silt Litres	Max Oil Litres	Total Litres	Working Litres	Inlet / Outlet Diameter (mm)	Inlet Height (mm)	Outlet Height (mm)
AN-082-01	Aquator T3.5	6	100	1,700	4,100	3,200	150 / 150	1,283	1,183
AN-082-02	Aquator T20	60	6,000	9,000	20,800	21,000	300 / 300	1,869	1,779

### Special conditions of approval

- The product shall be *supplied* with manufacturer's following installation instructions and recommended procedures for operation and maintenance:
  - AQUATOR Commercial OWS Operating, Installation & Maintenance Manual (TD IM 009, Rev 4).
  - Fibreglass Single & Double Wall Tanks – Installation Manual (Form F 935, Rev B).
- The product shall be *installed* strictly in accordance with the manufacturer's written instructions and the *Plumbing Standards*, with particular emphasis on the following:
  - Waste must not be pumped directly into the tank. Waste needs to be gravity fed.
  - A Trade Waste Sampling Point (TWSP) must be installed according to the Corporation's typical drawings.
  - Expansion joints must be used. Loop joints are not permitted.
- This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's *Typical Drawings for Trade Waste – Trade Waste Sampling Point (HX33-11-30)*.
- A maintenance contract is to be in place to ensure the ongoing reliability of the product.
- Water Corporation must be notified within fourteen (14) days upon installation of the product
- The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
- The product chosen must be suitably sized to avoid surge conditions.
- Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
- This approval certificate is not an endorsement of the product by Water Corporation, and no claim shall be made in advertising, promotion or other manner to the effect.
- Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product. This approval is not an engineering approval or structural endorsement.
- The proponent of the approved product must formally seek a request for re-approval of the product no later than three (3) months before the assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
- Water Corporation reserves the right to vary any requirements at any time. Any application of this condition normally occurs after consultation with the manufacturer, supplier and end business user connected to Water Corporation's sewer.
- Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
- The proponent of the approved product accepts that the information provided in this document shall be made publically available.

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### General conditions of approval

Approval shall be **suspended** where any of the following conditions are not met:

1. If there is a breach of the Special Conditions.
2. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
3. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
4. The product shall be manufactured to comply according to the details noted in the drawings below, in addition to any further details provided by the proponent when seeking this approval.
5. The product supplied for use in Water Corporation's area of operations shall comply with the requirements shown on this approval certificate. Sizes, classes, lengths or other product variables which are available with the product but which are not approved as listed on this approval certificate shall not be offered by the supplier for use in Water Corporation's area of operations.
6. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
7. Prior to any business (which is connected to Water Corporation's sewer) installing this product the business must apply to Water Corporation for a *Trade Waste Permit* for approval to discharge.
8. If this certificate has been issued to the manufacturer of this product then it is the responsibility of the manufacturer to ensure all current and future suppliers / vendors of this product are provided a copy of this approval certificate.

Approval shall be **reviewed** where any of the following conditions occur:

1. The product is manufactured with either different materials, methods of manufacture, location of manufacture, source of raw materials, component subcontractors or models to that at the time of approval.
2. The ownership of the primary manufacturer or any subcontractors is varied from that at time of approval.
3. The standards and/or specifications to which the product was required to comply with at the time of approval have been amended or revised. It is the responsibility of the proponent to immediately advise Water Corporation of any changes to the proponent's drawings and installation, operation and maintenance manuals made at the time of approval.
4. The product has been found to sustain damage or provide unsatisfactory performance on occasions of number considered excessive by Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

**Approved drawing(s):** T3.5 6LPS (SEP-0025, Rev C, dated 31 July 2017)  
T3.5 6LPS (SEP-0027, Rev A, dated 16 November 2017)  
T20 60LPS (SEP-0016, Rev E, dated 18 October 2016)  
T20 60LPS (SEP-0017, Rev A, dated 10 October 2017)  
AQUATOR Layout Drawing – GA (SEP-0017, Rev A, dated 15 April 2020)

**Authorising person:** Stephen Jerkovic (Team Leader – Investigations)

**Date issued** 26 May 2020

**Validity period:** Five (5) years