

Approval certificate

Trade waste pre-treatment product



Applicant: Halgan Pty Ltd
Postal address: 10 Davis Rd, Wetherill Park, NSW, 2164

Attention: Joel Brooks
Web: www.halgan.com.au
Email: sales@halgan.com.au

Manufacturer: Halgan Pty Ltd
Address: 10 Davis Rd, Wetherill Park, NSW, 2164

Product description

The Halgan Modular Grease Trap (MGT) is manufactured from polyethylene and is available in three sizes with capacities of 500, 1000 and 1500 litres with the internal Surge Control Device (SCD). A maximum of two MGTs units in series can be arranged to form 500 to 3,000 litre operating capacities for installations within Water Corporation's area of operations.

Where two MGTs are installed in series the first module traps the particles that are easily separated. The secondary and final module settles out lighter particles. All MGT units have the patented SCD unit installed at the outlet end (and only in the last unit if two MGT units are installed in series). The SCD is designed to stabilise high surges and acts as a final filtration of the wastewater before leaving the pre-treatment product.

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

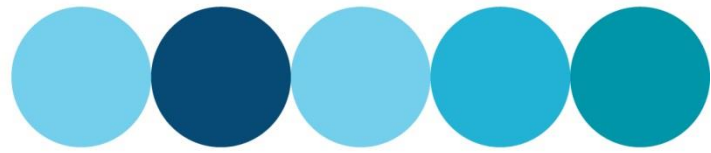
Approval Number	Model	Max Flow Rate	Width	Length	Access Lid Height	Inlet/Outlet Diameter	Inlet Height	Outlet Height
AN-003-01	MGT550	1000 L/day	720 mm	1120 mm	1550 mm	100 mm	1060 mm	980 mm
AN-003-02	MGT1000	1000 L/day	720 mm	2060 mm	1550 mm	100 mm	1060 mm	980 mm
AN-003-03	MGT1500	3200 L/day	720 mm	3000 mm	1550 mm	100 mm	1060 mm	980 mm

Special conditions of approval

- The product must be manufactured and identified by a compliance plate detailing the following information:

Address:	Halgan Pty Ltd, 10 Davis Rd, Wetherill Park, NSW, 2164
Make:	Modular Grease Trap
MGT Model No.:	< insert here >
Volume (L):	< insert here >
- The maximum allowable units in series is two (2) units, therefore the maximum allowable capacity is 3000L (2x1500L) in series.
- The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
- The product shall be *installed* and *maintained* strictly in accordance to Halgan's following documentation:
 - Modular Grease Trap (MGT), Modular Grease Trap "S" Series (MGTS) Installation Requirements Water Corporation manual (January 2019).*
- This approval certificate is not a stand-alone document and **must be read** in conjunction with the following Water Corporation documents:
 - Typical Drawings for Trade Waste – Grease Arrestor (HX33-10-00)*
 - Grease Arrestor Installation Guidelines (PUB-23-B)*
- Any liquid waste contractors (LWC's) who shall maintain / service these products must be suitably trained and deemed competent as determined by Halgan Pty Ltd or Halgan's Authorised Distributor.
- Training of prospective LWC's is to be delivered only by Halgan or Halgan's Authorised Distributor and effected (as a minimum) by the slide presentation titled *HALGAN Pty Ltd* (as sent by Stephen Morgan on Mon 15/12/2014 6:43 AM, PDF document title "*Water Corp Presentation – 12 12 2014.pdf*").
- Any proposed *critical amendments* of (i) MGT 500, MGT 1000 and MGT 1500 and SCD unit designs or (ii) the aforementioned documents noted in Item 5 and Item 7(i) by either Halgan Pty Ltd and / or Halgan's Authorised Distributors must first be formally presented to Water Corporation for review prior to any further approval of the amendments being given by the Corporation.
- A maintenance contract is to be in place to ensure the ongoing reliability of the product. The products must only be maintained / serviced by liquid waste contractors who have formally accepted the responsibility for servicing of such devices (on behalf of Halgan's Authorised Distributors and/or Halgan Pty Ltd) in Water Corporation's area of operations.
- A maintenance contract is to be in place to ensure the ongoing reliability of the product.

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Special Conditions of Approval (continued)

11. Water Corporation must be notified within fourteen (14) days upon installation of the product.
12. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
13. The product chosen must be suitably sized to avoid surge conditions.
14. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
15. 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.
16. 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.
17. 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.
18. 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.
19. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
20. The proponent of the approved product accepts that the information provided in this document shall be made publically available.

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 *Special Condition 4*, 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):

MGT 550-WA Rev A (dated 12 Dec 2017)
MGT 1000-WA Rev A (dated 19 Dec 2017)
MGT 1550-WA Rev A (dated 20 Dec 2017)

Authorising person:

Stephen Jerkovic (Team Leader – Investigations)

Date issued

22 April 2020

Validity period:

Five (5) years