

# Approval Certificate

## Trade waste pre-treatment product

**Applicant:** Halgan Pty Ltd  
**Postal address:** PO Box 255, Collaroy, NSW, 2097

**Attention:** Kerry Hall  
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**Manufacturer:** Halgan Pty Ltd  
**Address:** 22 Ethel Ave, Brookvale, NSW 2100

## Product/Device Description

The Halgan Modular Grease Trap "A" Series (MGTA) is manufactured from polyethylene and is available in seven sizes with capacities of 1000, 1500, 2000, 3000, 4000 and 5000 litres with the internal Surge Control Device (SCD). Where two MGTA units are installed in series the first module traps the particles that are easily separated. The secondary and final module settles out lighter particles. All MGTA units have a SCD unit installed at the outlet end (and only in the last unit if two MGTA 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 device.

A maximum of two MGTA units in series (based upon the MGTA 1000, 1500 and 2000 models only) can be arranged to form 1000 to 4000 litre operating capacities for installations within Water Corporation's area of operations.

Any proposed installation of a MGTA 3000, 4000, 5000 or 6000 unit is first subject to a formal Water Corporation Trade Waste plumbing assessment (and approval) of the overall waste stream processes to determine if the M MGTA 3000, 4000, 5000 or 6000 unit is the most appropriate form of pre-treatment. The MGTA 3000, 4000, 5000 or 6000 units can only be installed as single units.

All models are for above ground use only.

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

Acceptance Number	Model <sup>1,2</sup>	Installation Type	Max Flow Rate	Width	Length	Access Lid Height	Access Lid Type	Inlet/Outlet Diameter	Inlet Height	Outlet Height
AN-057-01	MGTA 1000	Above ground	1,000 L/day	700 mm	2200 mm	1550 mm	Gas tight plastic	100 mm	930 mm	850 mm
AN-057-02	MGTA 1500	Above ground	3,200 L/day	700 mm	2200 mm	1550 mm	Gas tight plastic	100 mm	1130 mm	1050 mm
AN-057-03	MGTA 2000	Above ground	6,400 L/day	1350 mm	2800 mm	1550 mm	Gas tight plastic	100 mm	930 mm	850 mm
AN-057-04	MGTA 3000 <sup>1,2</sup>	Above ground	9,600 L/day	1350 mm	2800 mm	1550 mm	Gas tight plastic	100 mm	1130 mm	1050 mm
AN-057-05	MGTA 4000 <sup>1,2</sup>	Above ground	12,800 L/day	1850 mm	3100 mm	1550 mm	Gas tight plastic	100 mm	930 mm	850 mm
AN-057-06	MGTA 5000 <sup>1,2</sup>	Above ground	16,000 L/day	1850 mm	3100 mm	1550 mm	Gas tight plastic	100 mm	1130 mm	1050 mm
AN-057-07	MGTA 6000 <sup>1,2</sup>	Above ground	19,000 L/day	1850 mm	3100 mm	1550 mm	Gas tight plastic	100 mm	1330 mm	1250 mm

1: The MGTA 3000, 4000, 5000 and 6000 units can only be installed as single units.

2: Where the installation of the MGTA 3000, 4000, 5000 and 6000 units are proposed then a formal Water Corporation Trade Waste plumbing assessment of the overall waste stream processes must first be made (and approved) to determine if the MGTA 3000, 4000, 5000 or 6000 unit is the most appropriate form of pre-treatment.

## Special Conditions of Approval

- This approval is specific to the *Modular Grease Trap MGTA Installation Requirements Water Corporation* manual (version 10012017) for models MGTA 1000, MGTA 1500, MGTA 2000, MGTA 3000, MGTA 4000, MGTA 5000 and MGTA 6000 with the internal SCD.
- The product must be manufactured and identified by a compliance plate detailing the following information:

**Address:** Halgan Pty Ltd, 22 Ethel Ave, Brookvale, NSW 2100  
**Make:** Modular Grease Trap "A" Series  
**MGT Model No.:** < insert here >  
**SCD Model No.:** < insert here >  
**Volume (L):** < insert here >  
**Rating (L/day):** < insert here >

- The maximum allowable *unit size* is 6000 L.
- The maximum allowable units in *series* are two (2) units and can only be comprised of the MGTA 1000, 1500 and 2000 units. The total maximum allowable *capacity* of any units in series is therefore 4000 L (e.g. 2x2000L).
- Where the individual installation of the MGTA 3000, 4000, 5000 and 6000 units are proposed then a formal Water Corporation Trade Waste plumbing assessment of the overall waste stream processes must first be made (and approved) to determine if the MGTA 3000, 4000, 5000 or 6000 unit is the most appropriate form of pre-treatment.
- The MGTA 3000, 4000, 5000 and 6000 units can only be installed as single units.
- The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
- The product shall be *installed* and *maintained* / *serviced* strictly in accordance to the *Halgan Modular Grease Trap MGTA Installation Requirements Water Corporation* manual (version 10012017). For above ground installations, this shall include a vertical clearance above the product that is greater than the maximum depth of the product and allows servicing of the product in accordance with Water Corporation standards. All above ground installations are required to have a platform and steps manufactured to Australian Standards 1657 for safe access to inspect and maintain the product. Light duty gas tight lids are recommended when products are installed above ground.

# Approval Certificate

## Trade waste pre-treatment product

- Any liquid waste contractors (LWC's) who shall maintain / service these units must be suitably trained and deemed competent as determined by Halgan or Halgan's Authorised Distributor.

### Special Conditions of Approval (continued)

- 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*"); and,
  - Presentation and explanation of the installation manual as noted in Item 8, above.
- Any proposed *critical amendments* of (i) MGTA 1000, 1500, 2000, 3000, 4000, 5000 and 6000 and SCD unit designs or (ii) the aforementioned documents noted in Item 8 and Item 10(a) 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.
- A maintenance contract is to be in place to ensure the ongoing reliability of the product. The units 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.
- 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.
- The product chosen must be suitably sized to avoid surge conditions.
- Clear access for the purposes of maintenance or servicing of the product 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.
- 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 the Water Corporation's sewer.
- Water Corporation shall be notified in writing if the product is withdrawn from sale.
- 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:

- The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
- The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
- The product shall be manufactured to comply according to the details noted in *Modular Grease Trap MGTA Installation Requirements Water Corporation* manual (version 10012017) in addition to any further details provided by the proponent when seeking this approval.
- 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.
- All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
- 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.
- 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:

- 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.
- The ownership of the primary manufacturer or any subcontractors is varied from that at time of approval.
- The standards and/or specifications to which the product was required to comply with at the time of approval have been amended or revised.
- The product has been found to sustain damage or provide unsatisfactory performance on occasions of number considered excessive by the Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

#### Approved Drawing(s):

MGTA1000-WA Rev A-1  
MGTA1500-WA Rev A-1  
MGTA2000-WA Rev A-1  
MGTA3000-WA Rev A-1  
MGTA4000-WA Rev A-1  
MGTA5000-WA Rev A-1  
MGTA6000-WA Rev A-1

#### Authorising person:

Steve Jerkovic (Supervisor Investigations)

#### Date issued

13 January 2017

#### Validity period:

5 years

[watercorporation.com.au](http://watercorporation.com.au)

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Page 2 of 2

