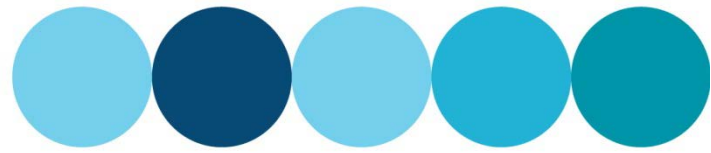


Approval certificate



Trade waste pre-treatment product

Applicant: Mascot Engineering Group
Postal address: 37 Tarlington Place, Smithfield NSW 2164

Attention: Nick Taylor
Web: www.mascotengineering.com.au
Email: sales@mascoteng.com.au

Manufacturer: Mascot Engineering Group
Address: 18 Boom Street Gnangara WA 6077

Product/device description

Mascot Engineering's Western Australian range of grease arrestors are manufactured from Glass Reinforced Concrete (GRC) and coated internally with a two part epoxy coating.

The arrestors are supplied in 540, 600, 1000, 1500, and 2000 litre capacities. They will typically be used by hotels, restaurants, motels, clubs, shopping complexes and food manufacturing businesses.

The acceptance certificate applies to the pre-treatment devices of the following size:

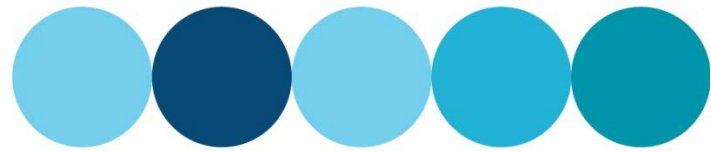
Approval Number	Model	Effective Capacity (L)	Placement	External Dimensions (mm)			Inlet / Outlet Diameter (mm)	Inlet Height* (mm)	Outlet Height* (mm)
				L	W	D			
AN-007-01	WAGA540	540	Above or Below Ground	1200	1200	900	100 / 100	650	600
AN-007-02	WAGA1000	1000	Above or Below Ground	2050	860	1370	100 / 100	770	720
AN-007-03	WAGA1500	1500	Above or Below Ground	2050	860	1670	100 / 100	1170	1120
AN-007-04	WAGA2000	2000	Above or Below Ground	2050	860	1670	100 / 100	1420	1370
AN-007-05	WAGA600	600	Above or Below Ground	1000	705	1360	100 / 100	1190	1140
AN-007-06	WAGA1000S	1000	Above or Below Ground	1200	1200	1500	100 / 100	990	940
AN-007-07	WAGA1500S	1500	Above or Below Ground	1200	1200	1825	100 / 100	1395	1345

*Invert level – distance taken from base of GA.

Special conditions of approval

1. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
2. The product shall be *installed* strictly in accordance with the manufacturer's written instructions (*Installation Guide – Trade Waste Products (Version 1.C, published 16/08/2017)*) and performed by a licensed plumber. This shall include a vertical clearance above the grease arrestor that is greater than the maximum depth of the grease arrestor and allows servicing of the arrestor in accordance with Water Corporation standards. All above ground grease arrestor installations are required to have a platform and steps manufactured to Australian Standards 1657 for safe access to inspect and maintain the grease arrestor. Light duty gas tight lids are recommended when grease arrestors are installed above ground.
3. This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's *Typical Drawings for Trade Waste – Grease Arrestor (HX33-10-00)*.
4. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
5. Water Corporation must be notified within fourteen (14) days upon installation of the product
6. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
7. The product chosen must be suitably sized to avoid surge conditions.
8. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
9. 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.
10. 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.

Approval certificate



Trade waste pre-treatment product

Special conditions of approval (continued)

11. 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.
12. 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.
13. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
14. 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. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
2. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
3. The product shall be manufactured to comply according to the details noted in drawing number TW.WA.GA.001 (revision D) in addition to any further details provided by the proponent when seeking this approval.
4. 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.
5. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
6. 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.
7. 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.
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):	TW.WA.GA.001 (revision D)
Authorising person:	Stephen Jerkovic (Team Leader - Investigations)
Date issued	18 August 2017
Validity period:	Five (5) years