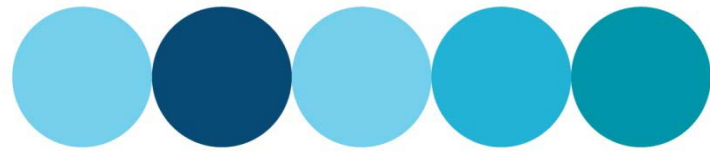


Approval certificate



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 cooling pit / boiler blowdown are manufactured from Glass Reinforced Concrete (GRC) as standard and coated internally with a two part epoxy coating.

The pits are supplied in 200, 400, 600, 800, 1000, 1200, 1500 and 2000 litre capacities. They will typically be used by nursing homes, aged care facilities, laundrettes and hospitals. They cannot be used for commercial laundries due to their limited capacity.

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

Acceptance Number	Model	Effective Capacity	Placement	External Dimensions (mm)			Inlet / Outlet Diameter (mm)	Inlet Height ² (mm)	Outlet Height ² (mm)
				L	W	D ¹			
AN-044-01	WACP 2	200 L	Above or Below Ground	600	600	1125	100 / 100	800	650
AN-044-02	WACP 4	400 L	Above or Below Ground	900	900	1075	100 / 100	800	650
AN-044-03	WACP 6	600 L	Above or Below Ground	900	900	1075	100 / 100	950	800
AN-044-04	WACP 8	800 L	Above or Below Ground	1200	1200	1225	100 / 100	920	770
AN-044-05	WACP 10	1000 L	Above or Below Ground	1200	1200	1525	100 / 100	1100	950
AN-044-06	WACP 12	1200 L	Above or Below Ground	1200	1200	1525	100 / 100	1275	1125
AN-044-07	WACP 15	1500 L	Above or Below Ground	1200	1200	1825	100 / 100	1550	1400
AN-044-08	WACP 20	2000 L	Above or Below Ground	2050	860	1970	100 / 100	1595	1445

¹Does not include concrete surround / grate height. ²Invert level – distance taken from base of pit.

Special conditions of approval

1. The temperature of the trade waste discharged is not to exceed 38 degrees Celsius at the trade waste sampling point.
2. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
3. The product shall be *installed* and *maintained* strictly in accordance to the following MASCOT documentation:
 - a. Installation Guide – Trade Waste Products (Version 1.C, published 16/08/2017).
4. This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's *Typical Drawings for Trade Waste – Cooling Pit / Boiler Blowdown (HX33-18-50)*.
5. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
6. Water Corporation must be notified within fourteen (14) days upon installation of the product
7. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
8. The product chosen must be suitably sized to avoid surge conditions.
9. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
10. 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.

Approval certificate



Trade waste pre-treatment product

Special conditions of approval (continued)

11. 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.
12. 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.
13. 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.
14. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
15. 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 MASCOT drawing TW.WA.CP.001 (revision D 0618), 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.
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):	MASCOT drawing TW.WA.CP.001 (revision D 0618)
Authorising person:	Stephen Jerkovic (Supervisor – Investigations)
Date issued	19 June 2018
Validity period:	Five (5) years