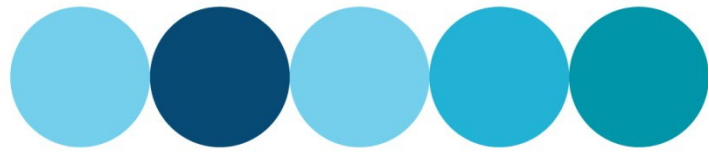


Approval certificate

Trade waste pre-treatment product



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

Attention: Kerry Hall
Web: www.halgan.com.au
Email: info@halgan.com.au

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

Product description

The Halgan Lint Trap (HLT) is manufactured from polyethylene and is available in one size with a capacity of 600 litres.

The lint trap is supplied with a fixed-in-place stainless steel perforated inlet basket strainer. Perforations range from 0.1 mm to 8 mm.

The lint trap is suitable for above and below ground installation.

The approval certificate applies to the pre-treatment product of the following size:

Approval Number	Model	Installation Type	Operating Volume (L)	Number of Supports ¹	Width (mm)	Length (mm)	Access Lid Height (mm)	Access Lid Type ²	Inlet/Outlet Diameter (mm)	Inlet Height (mm) ³	Outlet Height (mm) ³
AN-076-01	HLTS1000-WA	Above and below round	1000	2	1130	1700	1550	Gas tight plastic or trafficable	100	1330	1170
AN-076-02	HLTS1500-WA	Above and below round	1500	3	1130	2280	1550	Gas tight plastic or trafficable	100	1330	1170
AN-076-03	HLTS2000-WA	Above and below round	2000	4	1130	3010	1550	Gas tight plastic or trafficable	100	1330	1170
AN-076-04	HLTS3000-WA	Above and below round	3000	4	1365	3055	1680	Gas tight plastic or trafficable	100	1460	1300
AN-076-05	HLTS4000-WA	Above and below round	4000	5	1510	3250	1825	Gas tight plastic or trafficable	100	1605	1445
AN-076-06	HLTS5000-WA	Above and below round	5000	5	1625	3200	1940	Gas tight plastic or trafficable	100	1720	1570

1: Applies for above ground installations only; 2: Refer to Special Condition 1; 3: Invert level – distance taken from top of cooling pit.

Special conditions of approval

1. If the lint trap is also used for cooling purposes then:

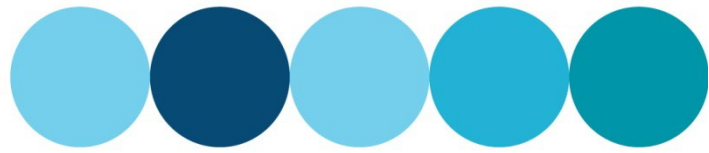
- The temperature of the trade waste discharged is not to exceed 38 degrees Celsius at the sample point.
- Access chambers must be suitably vented with open grating. Where open vented grating cannot be used to effect proper cooling then a formal Water Corporation Trade Waste plumbing assessment of the overall waste stream processes must first be made (and approved) to determine if the selected unit is the most appropriate form of pre-treatment. A hydraulic consultant design report must also be submitted to Water Corporation for a *Trade Waste Permit* for approval to discharge.

2. 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: Halgan Cooling Pit
Model No.: < insert here >
Volume (L): < insert here >

- The fixed-in-place stainless steel basket must be installed at all times and must not be removed.
- 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 the following Halgan documentation:
 - Halgan Lint Arrestor Maintenance Procedure – WA (dated 30/09/2019).
- This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's *Typical Drawings for Trade Waste*:
 - [Commercial Laundries \(HX33-18-60\)](#)
 - [Trade Waste Sampling Point \(TWSP\) \(HX33-11-30\)](#)
- 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.

Approval certificate



Trade waste pre-treatment product

Special conditions of approval (continued)

10. The product chosen must be suitably sized to avoid surge conditions.
11. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
12. 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.
13. 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.
14. 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.
15. 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.
16. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
17. 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 the Halgan drawing referred 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:	Halgan HLTS 1000-5000-WA Lint Trap Detail (Rev B, dated 29 Sep 2019)
Authorising person:	Stephen Jerkovic (Team Leader – Investigations)
Date issued	13 November 2019
Validity period:	Five (5) years