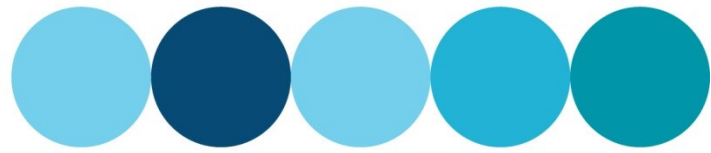


# Approval certificate

## Trade waste pre-treatment product



**Applicant:** Halgan Pty Ltd  
**Postal address:** 22 Ethel Street, Brookvale, NSW, 2100

**Attention:** Joel Brooks  
**Web:** [www.halgan.com.au](http://www.halgan.com.au)  
**Email:** [info@halgan.com.au](mailto:info@halgan.com.au)

**Manufacturer:** Halgan Pty Ltd  
**Address:** 22 Ethel Street, Brookvale, NSW, 2100

### Product description

The Halgan Modular HCP and HCPS Cooling Pits are manufactured from polyethylene and are available in seven sizes with capacities of 550, 1000, 1500, 2000, 3000, 4000 and 5000 litres.

Any proposed installation of any cooling pit is first subject to a formal Water Corporation Trade Waste plumbing assessment (and approval) of the overall waste stream processes to determine if the selected unit and additional forms of additional cooling are the most appropriate form of pre-treatment.

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

Approval Number	Model	Effective Capacity (L)	Placement	External Dimensions (mm)			Inlet / Outlet Diameter (mm)	Inlet Height* (mm)	Outlet Height* (mm)
				L	W	D			
AN-086-01	HCP550	550	Above and Below Ground	1120	720	1550	100 / 100	480	630
AN-086-02	HCPS1000	1000	Above and Below Ground	1700	1130	1550	100 / 100	380	530
AN-086-03	HCPS1500	1500	Above and Below Ground	2280	1130	1550	100 / 100	380	530
AN-086-04	HCPS2000	2000	Above and Below Ground	3010	1130	1550	100 / 100	380	530
AN-086-05	HCPS3000	3000	Above and Below Ground	3055	1365	1680	100 / 100	380	530
AN-086-06	HCPS4000	4000	Above and Below Ground	3250	1510	1825	100 / 100	380	530
AN-086-07	HCPS5000	5000	Above and Below Ground	3200	1625	1940	100 / 100	370	520

\*Invert level – distance taken from top of cooling pit.

### Special conditions of approval

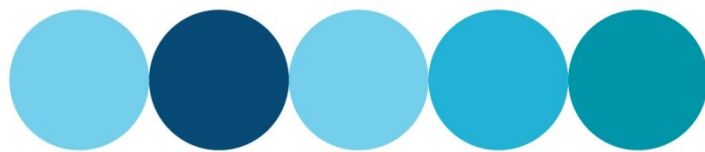
1. **The temperature of the trade waste discharged is not to exceed 38 degrees Celsius at the sample point.**
2. Cooling pit access chambers must be suitably vented with open grating. Where open vented grating cannot be used to effect proper cooling then a formal Water Corporation Trade Waste plumbing 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.
3. 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:** Halgan Cooling Pit  
**Model No.:** < insert here >  
**Volume (L):** < insert here >

4. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
5. The product shall be *installed* and *maintained* strictly in accordance to Halgan's *Modular Cooling Trap "S" Series (HCP/S) Installation Requirements Water Corporation* manual (January 2019).
6. This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's *Typical Drawings for Trade Waste*:
  - a. *Cooling Pit / Boiler Blowdown (HX33-18-50)*
  - b. *Commercial Laundries (HX33-18-60)*
  - c. *Sealed Trade Waste Sampling Points (HX33-10-10)*
7. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
8. Water Corporation must be notified within fourteen (14) days upon installation of the product

# Approval certificate

## Trade waste pre-treatment product



### Special conditions of approval (continued)

9. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
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 *Modular Cooling Trap "S" Series (HCP/S) Installation Requirements Water Corporation* manual (January 2019), 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.

<b>Approved drawing(s):</b>	HCP550-WA (revision A, dated 07 Nov 2016) HCPS-WA (revision A, dated 07 Nov 2016)
<b>Authorising person:</b>	Stephen Jerkovic (Team Leader – Investigations)
<b>Date issued</b>	23 January 2019
<b>Validity period:</b>	Two (2) years