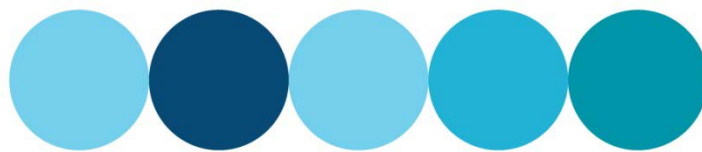


Approval certificate

Trade waste pre-treatment product



Applicant: Port Capital Pty Ltd
Postal address: PO Box 303, West Burleigh, Qld, 4219

Attention: Kevin Venville
Web: www.samios.net.au
Email: kevin_portcapital@outlook.com

Manufacturer: Port Capital Pty Ltd
Address: PO Box 303, West Burleigh, Qld, 4219

Product description

Port Capital plastic grease arrestors may be used most normal applications in domestic, commercial & industrial applications. The arrestor products are injection moulded using 100% virgin polyethylene and UV additives.

Arrestors use natural buoyancy of waste liquid and solids in the incoming water stream to separate waste. Separated matter is retained on the surface and bottom of arrestor. To ensure efficiency of product regular maintenance is required by authorised maintenance technician. Polyethylene is a product that is easy clean and as a result the effort to maintenance is reduced with opening for liquid removal making this task a straight forward activity.

External ribbing provides support for the tanks when installed below ground. Access openings take proprietary lids or where design requires greater loading a specification provides the necessary connection Class D proprietary lid.

Below ground tanks are fitted with cast iron access covers manufactured to Australian Standards to suit expected traffic conditions. Above ground tanks and are self-supporting. These tanks can be fitted with gas tight screw-in access openings.

The product range offers nine different sizes for each material and installation type.

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

Approval Number	Model ^{1,2}	Installation Type ³	Capacity (L)	Width ⁴ (mm)	Length ^{4,5} (mm)	Height ⁶ (mm)	Access Lid Type	Inlet/Outlet Diameter (mm)	Inlet Height ⁷ (mm)	Outlet Height ⁷ (mm)
AN-087-01	PCGT-1000	Both	1,000	1,060	1,880	1,410	Cast iron and gas tight plastic	100-150	350	570
AN-087-02	PCGT-1500	Both	1,500	1,190	1,940	1,550	Cast iron and gas tight plastic	100-150	500	700
AN-087-03	PCGT-2000	Both	2,000	1,190	1,940	1,550	Cast iron and gas tight plastic	100-150	550	875
AN-087-04	PCGT-3000	Both	3,000	1,200	2,800	1,550	Cast iron and gas tight plastic	100-150	585	900
AN-087-05	PCGT-4000	Both	4,000	1,400	2,900	1,850	Cast iron and gas tight plastic	100-150	725	1,100
AN-087-06	PCGT-5000	Both	5,000	1,400	3,200	2,050	Cast iron and gas tight plastic	100-150	825	1,070
AN-087-07	PCGT-6000	Both	6,000	1,600	3,300	2,100	Cast iron and gas tight plastic	100-150	825	1,200

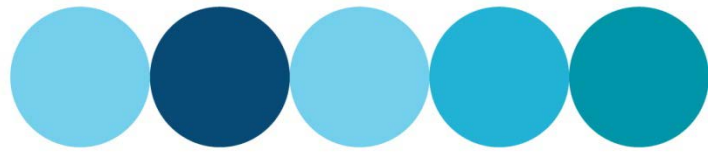
1: The PCGT 3000, 4000, 5000 and 6000 units can only be installed as single units; 2: Where the installation of the PCGT 3000, 4000, 5000 and 6000 units are proposed then a formal Water Corporation Trade Waste plumbing assessment of the overall waste stream processes must first be made (and approved) to determine if the PCGT 3000, 4000, 5000 or 6000 unit is the most appropriate form of pre-treatment.3: Above or Below Ground; 4: Not including side ribs; 5: Not including inlet/outlet pipework; 6: Includes access opening; 7: From base of tank.

Special conditions of approval

1. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
2. The maximum allowable units in *series* are two (2) units and can only be comprised of the PCGT 1000, 1500 and 2000 units. The total maximum allowable *capacity* of any units in series is therefore 4000 L (2x2000L).
3. Where the installation of the PCGT 3000, 4000, 5000 or 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 selected unit is the most appropriate form of pre-treatment.
4. The product shall be *installed and maintained* strictly in accordance to the following Port Capital documentation:
 - a. Port Capital Pty Ltd 1,000L – 10,000L (?) Polymer Grease Arrestors, Product Information, Installation and Warranty Manual (08 Feb 2019 – Rev D-2)

Approval certificate

Trade waste pre-treatment product



Special conditions of approval (continued)

5. This approval certificate is not a stand-alone document and **must be read** in conjunction with the following Water Corporation documents:
 - a. [Typical Drawings for Trade Waste – Grease Arrestor \(HX33-10-00\)](#)
 - b. [Grease Arrestor Installation Guidelines \(PUB-23-B\)](#)
6. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
7. Water Corporation must be notified within fourteen (14) days upon installation of the product
8. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
9. The product chosen must be suitably sized to avoid surge conditions.
10. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
11. 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.
12. 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.
13. 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.
14. 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.
15. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
16. 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 Port Capital Pty Ltd 1,000L – 10,000L (?) Polymer Grease Arrestors, Product Information, Installation and Warranty Manual (08 Feb 2019 – Rev D-2), 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 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(s):	Above Ground and In Ground W.A. Water Corporation Grease Arrestor (WAGA-1, Rev D, dated 08 Feb 2019)
Authorising person:	Stephen Jerkovic (Team Leader – Investigations)
Date issued	11 February 2019
Validity period:	Two (2) years