

# Approval certificate

## Trade waste pre-treatment product



**Applicant:** CV Plastics Pty Ltd  
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**Manufacturer:** CV Plastics Pty Ltd  
**Address:** 15 Deborah Street, Bendigo VIC 3555

### Product description

The CV Plastics passive grease arrestors are designed to intercept and remove grease, fat and oil.

The CV Plastics grease arrestors utilise two internal baffles. The first baffle is at the inlet end of the tank, trapping most of the suspended solids and FOG. The second baffle extends to the base of the tank at the outlet end allowing the water to flow through from the lower mid sections. This allows the inflow to cool and separate through solidification before exiting.

Both above ground and below ground installations are possible. Grease arrestors up to 1100 litres are manufactured from polyvinylchloride (PVC) and units 1500 litres and above are manufactured from polypropylene. Galvanised RHS rails support the walls of above ground units over 600 litres.

Units up to 2000 litres utilise circular access covers. Below ground units are supplied with matching galvanised steel covers of varying load capacities that are suitable for use on pedestrian walkways or heavy vehicular traffic. The covers are a concrete infill style for easier integration into existing paved or concreted areas and are generally multi part units allowing for easy access by one person with standard Gatic type lifters.

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

Approval Number	Model	Effective Capacity (L)	Placement	External Dimensions (mm)			Inlet Height <sup>1</sup> (mm)	Outlet Height <sup>1</sup> (mm)	Material of Construction
				L	W	D			
AN-041-01	6-GTAGW	600	above ground	1276	892	885	705	630	polyvinylchloride <sup>2</sup>
AN-041-02	6-GTBGW		below ground	1308	862	990	745	670	polyvinylchloride <sup>2</sup>
AN-041-03	7-GTAGW	700	above ground	1276	892	990	810	735	polyvinylchloride <sup>2</sup>
AN-041-04	7-GTBGW		below ground	1308	862	1100	860	785	polyvinylchloride <sup>2</sup>
AN-041-05	8-GTAGW	800	above ground	1600	850	955	775	700	polyvinylchloride <sup>2</sup>
AN-041-06	8-GTBGW		below ground	1597	862	1020	795	720	polyvinylchloride <sup>2</sup>
AN-041-07	9-GTAGW	900	above ground	1600	950	1000	775	700	polyvinylchloride <sup>2</sup>
AN-041-08	9-GTBGW		below ground	1597	1012	990	750	675	polyvinylchloride <sup>2</sup>
AN-041-09	10-GTAGW	1000	above ground	1600	950	1150	855	780	polyvinylchloride <sup>2</sup>
AN-041-10	10-GTBGW		below ground	1597	1012	1050	825	750	polyvinylchloride <sup>2</sup>
AN-041-11	11-GTAGW	1100	above ground	1580	980	1226	945	870	polyvinylchloride <sup>2</sup>
AN-041-12	11-GTBGW		below ground	1600	1000	1226	900	825	polyvinylchloride <sup>2</sup>
AN-041-13	15-GTAGW	1500	above ground	1900	1100	1220	900	825	polypropylene
AN-041-14	15-GTBGW		below ground	1912	1012	1226	1005	930	polypropylene
AN-041-15	20-GTAGW	2000	above ground	2500	1100	1220	900	825	polypropylene
AN-041-16	20-GTBGW		below ground	2528	1012	1226	1005	930	polypropylene

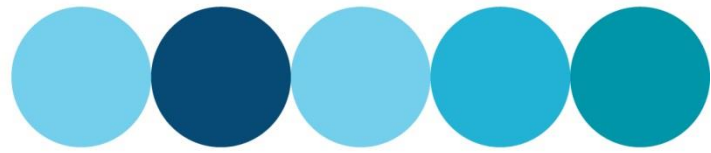
1: Invert level – distance taken from base of GA;

2: MUST be protected from direct sunlight.

### Special conditions of approval

- Above ground installations must be suitably covered from direct sunlight at all times.**
- 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 CV Plastics Pty Ltd documentation:
  - Above and Below Ground Installation, Operation and Maintenance Procedure (WAIS001, 28 May 2020)
- This approval certificate is not a stand-alone document and **must be read** in conjunction with the following Water Corporation documents:
  - [Typical Drawings for Trade Waste – Grease Arrestor \(HX33-10-00\)](#)
  - [Grease Arrestor Installation Guidelines \(PUB-23-B\)](#)
- A maintenance contract is to be in place to ensure the ongoing reliability of the product.
- The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
- The product chosen must be suitably sized to avoid surge conditions.
- Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.

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### Special conditions of approval (continued)

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.
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. 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 drawings referenced 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*. Where the discharge *has* or is *likely* to exceed the *Trade Waste Acceptance Criteria* then the Corporation may direct a *specific* or *ongoing* maintenance requirement to be followed.
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.

<b>Approved drawing(s):</b>	Below Ground Grease Traps (WA), GTBGWA004, 28 May 2020. Above Ground Grease Traps (WA), GTAGWA005, 28 May 2020.
<b>Authorising person:</b>	Stephen Jerkovic (Team Leader – Investigations)
<b>Date issued</b>	28 May 2020
<b>Validity period:</b>	Five (5) years