Approval certificate

Trade waste pre-treatment product

Applicant: Everything Water Australia Pty Ltd
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Manufacturer: Everything Water Australia Pty Ltd
Address: PO Box 5235, Brendale, QLD 4500

Product description

Everything Water Australia Pty Ltd offers the enhanced **Domino** Vertical Gravity Separators (VGS). The DOMINO VGS range of products provides on-site pre-treatment of hydrocarbon wastewater.

The Domino VGS is an oil water separator developed to remove free oil, grease and suspended solids from wastewater. The Domino VGS operates by control of both fluid velocity and pressure to allow effective separation of non-emulsified oil impurities and low density material to rise to the top of the vessel from water containing any high density contaminants. High density contaminants fall into a sludge retaining area at the bottom of the vessel.

The Domino VGS-P system is an expansion of the VGS model that incorporates an additional Permakleen filter to assist in removal of emulsified oils. The clean water discharge passes through Permakleen media that provides instant, permanent and complete oil removal upon contact. Required contact time is < 1 sec. Media handles high to low oil loading even in the presence of solids. > 90% oil removal efficiency to 15-micron oil droplet sizes.

The Domino VGS-M system is an expansion of the VGS model that incorporates an additional Mycelx filtration system to assist in removal of other contaminants. The clean water discharge then passes through sediment filtration to 5 microns and Mycelx filtration which is designed to further remove persistent remaining organic Hydrocarbons compounds such as Petroleum hydrocarbons, BTEX, organically bound metals, chlorinated solvents, PCB, POPS, PAH and organic pollutants such as biphenyl, polychlorinated and Polyaromatic.

Micro/Maxi incorporates both a VGS oil water separator and a cyclonic DAF system. These systems are used as an entry level wastewater recycling system or for many industrial applications where just an oil water separator does not meet government discharge requirements. The Micro uses a combination of flocculation, induced cyclonic air induction, a scraper system to remove suspended solids and oils displaced, a sediment filtration system down to 5 microns. As per site requirements these systems can also be fitted with full pH control and a full range of different disinfection systems.

These products must not be used for the separation of fat, oil and grease (FOG) generated by food industries.

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

Approval Number	Model	Material			Max Flow Rate	Pump Type
		Tank	Lid	SPAK[1]		
AN-085-01	VGS-700	SS[2]	SS[2]	HDPE[3]	700	Mono CP11-ASM DS25 Diaphragm
AN-085-02	VGS-NG-1500	SS	SS	HDPE	1,500	Mono CP25-ASM DS32 Diaphragm
AN-085-03	VGS-NG-3000	SS	SS	HDPE	3,000	Mono CP800-ASM DS38 Diaphragm
AN-085-04	VGS-P	SS	SS	HDPE	3,000	Mono CP800-ASM DS38 Diaphragm
AN-085-05	VGS-M	SS	SS	HDPE	3,000	Mono CP800-ASM DS38 Diaphragm
AN-085-07	WRR Micro	SS	SS	HDPE	3,000 – 15,000	Roto RDCA532
AN-085-08	WRR Maxi	SS	SS	HDPE	3,000 – 15,000	Roto RLCB571

1 – SPAK: Spiral pack 2 – SS: Stainless steel 3 – HDPE: High density polyethylene

Special conditions of approval

1. The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
2. The product shall be *installed* by a licensed plumber according to the *Plumbing Standards* and *serviced* strictly in accordance with the manufacturer's written instructions, with particular emphasis on the following:
   a. Oil water separators must be installed in a bunded area and connected back to the pump pit.
   b. A Trade Waste Sampling Point (TWSP) must be installed according to the Corporation's typical drawings.
   c. The outlet pipe must be plumbed via a tundish that is separate and upstream to the TWSP.
3. 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 – Vertical Gravity Separator (HX33-12-11)*

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Special conditions of approval (continued)

4. A maintenance contract is to be in place to ensure the ongoing reliability of the product and that discharges to sewer comply with Water Corporation's *Acceptance Criteria for Trade Waste*.
5. Water Corporation must be notified within fourteen (14) days upon installation of the product.
6. The use of emulsifying agents upstream of the product must not occur. Such instructions must be noted on operating documentation.
7. The product chosen must be suitably sized to avoid surge conditions.
8. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
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 publicly 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 documents 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 a number of occasions 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):	Domino VGS Vertical Gravity Separator (Ver 4, October 2025) Domino VGS-NG Vertical Gravity Separator New Generation (Ver 4, October 2025) Operation and Maintenance Manual Domino VGS-P (Ver 4, October 2025) Vertical Gravity Separator Systems Domino VGS-M Range (Ver 4, October 2025) Waste Water Recycling Systems Domino WRR – Micro (Ver 4, October 2025) Waste Water Recycling Systems Domino WRR – Maxi (Ver 4, October 2025)
Authorising person:	Stephen Jerkovic (Specialist - Compliance Operations)
Date issued	18 November 2025
Validity period:	Five (5) years