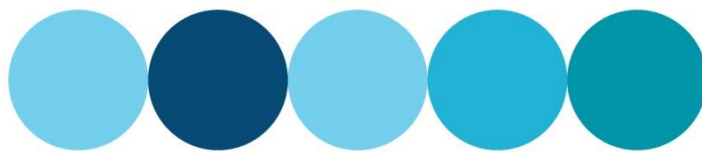


# Approval certificate

## Trade waste pre-treatment product



**Applicant:** Eco Guardians Pty Ltd  
**Postal address:** 2/94 Voltri St, Mentone VIC 3194

**Attention:** David Berry  
**Web:** [www.ecoguardians.com.au](http://www.ecoguardians.com.au)  
**Email:** [david@ecoguardians.com.au](mailto:david@ecoguardians.com.au)

**Manufacturer:** PT Zenith  
**Address:** Jalan Raya Krian Mojokerto KM 2.1 No. 168 Sidoarjo 61263, East Java, Indonesia

### Product description

EcoGuardians provides industrial floor drains for industrial and commercial drainage systems through its sink and floor range of products.

A variety of products are available to suit a range of applications. All items are manufactured from 304 stainless steel.

This approval certificate applies to the pre-treatment products tabulated below:

Approval Number	Model	Application	Body & Grate			Fixed Screen			Removable Basket			
			McC <sup>1</sup>	OS <sup>2</sup>	OWA <sup>3</sup>	MoC <sup>1</sup>	HS <sup>4</sup>	NoH <sup>5</sup>	MoC <sup>1</sup>	HS <sup>4</sup>	NoH <sup>5</sup>	BV <sup>6</sup>
AN-089-01	S450	In sink trap	SS <sup>7</sup>	50	1370	SS	4	110	SS	3	110	450
AN-089-01	SL340	In sink trap	SS	50	1370	SS	4	110	SS	3	110	340
AN-089-01	SL850	In sink trap	SS	50	3632	SS	4	288	SS	3	288	850
AN-089-01	F660	In floor trap	SS	100	1382	SS	4	170	SS	3	170	660
AN-089-01	FT660	In floor trap	SS	100	1382	SS	4	170	SS	3	170	660

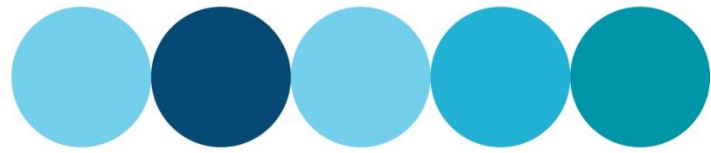
KEY - 1: MoC = Material of Construction 2: OS = Outlet Size (mm) 3: OWA = Outlet Waterway Area (mm<sup>2</sup>) 4: HS = Hole Size (mm). Holes are round.  
5: NoH = Number of Holes 6: BV = Basket Volume (cm<sup>3</sup>) 7: SS = 304 Stainless Steel

### Special conditions of approval

- The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance.
- The product shall be *installed* strictly in accordance with the manufacturer's written instructions and the *Plumbing Standards*, as noted below:
  - Installation / Maintenance Instructions for Sink Units (24 Feb 2019)
  - Installation Instructions for Floor Products (28 Feb 2019)
  - Operation, Maintenance and Cleaning Procedure (Sink Models) 28 Feb 2019
  - Operation, Maintenance and Cleaning Procedure (Floor Models) 28 Feb 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 – DN100 Trade Waste Trap With Floor Strainer Unit \(HX33-11-10\)](#)
  - [Typical Drawings for Trade Waste – Sink Strainer Units \(HX33-11-20\)](#)
- The product shall be *maintained* to ensure the ongoing reliability of the product.
- 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.
- 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.
- 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.
- 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.
- 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.
- Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
- The proponent of the approved product accepts that the information provided in this document shall be made publically available.

# Approval certificate

## Trade waste pre-treatment product



### 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 noted 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.

**Approved drawing(s):** S450 - DrainProtector – 90 Sink (Rev 00, Date 21.05.10)  
SL340 - DrainProtector – 90 Sink Valve (Butterfly Valve) (Rev 00, Date 13.01.12)  
SL850 - DrainProtector – 125 Sink Valve (Butterfly Valve) (Rev 00, Date 03.04.12)  
F660 - DrainProtector – Floor (Rev 00, Date 21.05.10)  
FT660 - DrainProtector – Troughs (Rev 00, Date 20.05.10)

**Authorising person:** Stephen Jerkovic (Team Leader – Investigations)

**Date issued** 22 October 2019

**Validity period:** Two (2) years