

Approval Certificate

Trade waste pre-treatment product

Applicant: Larkin & Shoushani Solutions Pty Ltd

Postal address: 28 Davies Street MOLLYMOOK NSW 2539

Manufacturer: RR Tooling Australia Pty Ltd

Address: 39b Lorraine Street PEAKHURST NSW 2210 Australia

Attention: Tony Larkin

Web: www.grateseal.com.au

Email: sales@grateseal.com.au

Product/Device Description

The Grate Seal Bucket Trap (GSBT) is designed to intercept and collect debris in industrial and commercial applications such as restaurants, food processing factories, food preparation area, etc.

The GSBT consists of a primary strainer (canister), removable basket (secondary strainer) and spacer rings. The canister is manufactured from flexible polyurethane material a basket is manufactured from glass fibre reinforced nylon.

The GSBT is designed for use with drain waste/vent (DWV) DN110 U-PVC or DN110 polyethylene pipes and can be installed by removing the floor waste grate and inserting the flexible canister into the existing floor waste outlet. When the canister is installed it flexes against the internal wall of the drainage riser pipe, creating a seal. A spacer ring is inserted into the canister and snaps into position. The spacer ring is designed to compensate for any variations with the internal drain diameter cause by allowable manufacturing tolerances. The basket is then lowered through the floor waste opening into the spacer ring. The grate is replaced to complete the installation.

The GSBT is located below the grate in the drainage riser pipe. As waste water flows through the device, the removable basket collects materials greater than 3.5 mm.

For cleaning purposes the basket can be removed with the handle which folds into the body in the non-use position. When removed the primary strainer (canister) prevents solids entering the drain.

The approval certificate applies to the pre-treatment device of the following size:

Approval Number	Model	Description	Application	Body Size	Body		Fixed Screen				Removable Basket					
					MoC ¹	OS ²	MoC ¹	HS ³	NoH ⁴	OWA ⁵	MoC ¹	HS ³	NoH ⁴	OWA ⁵	BV ⁶	BS ⁷
AN-050-01	GSBT	Grate seal bucket trap	In Floor	N/A	N/A	N/A	PU ⁸	4	100	1,257	GFN6 ⁹	3 & 3x15	98 & 210	10,140	625	141.5 x82.7

KEY - 1: MoC = Material of Construction

4: NoH = Number of Holes

7: BS = Basket Size (mm)

2: OS = Outlet Size (mm)

5: OWA = Open Waterway Area (mm²)

8: PU = PolyUrethane

3: HS = Hole Size (mm). Holes are round and slotted.

6: BV = Basket Volume (cm³)

9: GFN6 = Glass Filled Nylon-6

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* strictly in accordance with the manufacturer's written instructions and the *Plumbing Standards*.
3. A maintenance contract is to be in place to ensure the ongoing reliability of the product.
4. Clear access for the purposes of maintenance or servicing of the pre-treatment device must be maintained at all times.
5. 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.
6. Water Corporation accepts no responsibility for the effective operation, performance or efficiency of the product.
7. 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.
8. 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.



Special Conditions of Approval (continued)

9. Water Corporation shall be notified in writing if the pre-treatment device is withdrawn from sale.
10. 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. The assigned **Validity Period** has expired from the **Date Issued** of this approval certificate.
2. The product shall be manufactured in accordance with Water Corporation's requirements at the time of approval.
3. The product shall be manufactured to comply according to the details noted in *the draft WSAW Trade Waste Product Appraisal Report TWA 1301* (draft dated 17 April 2013) in addition to any further details provided by the proponent when seeking this approval.
4. 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.
5. All discharges to sewer associated with this product must not exceed Water Corporation's *Trade Waste Acceptance Criteria*.
6. 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.
7. 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.

Approved Drawing(s):

Drawings on pages 14 and 15 noted in *the draft WSAW Trade Waste Product Appraisal Report TWA 1301* (draft dated 17 April 2013).

Authorising person:

Steve Jerkovic (Supervisor Investigations)

Date issued

27 November 2015

Validity period:

Five (5) years