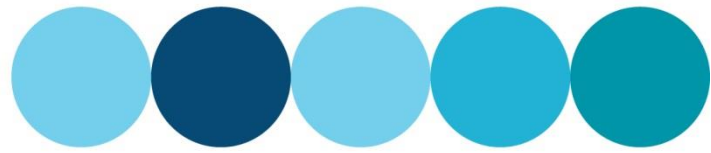


# Approval certificate

## Trade waste pre-treatment product



**Applicant:** Baldwin Industrial Systems Pty Ltd  
**Postal address:** PO Box 605, CARDIFF, NSW, 2285

**Attention:** Robert Crawford  
**Web:** [www.baldwin.com.au](http://www.baldwin.com.au)  
**Email:** [sales@baldwin.com.au](mailto:sales@baldwin.com.au)

**Manufacturer:** Baldwin Industrial Systems Pty Ltd  
**Address:** 13 Ranton Street, CARDIFF, NSW, 2285

### Product description

Baldwin Industrial Systems oil-water plate separators are designed to reduce oil contaminated water (typically found from equipment wash bays, workshops and vehicle wash down bays). The Baldwin separators are enhanced gravity separator units that incorporate vertical plate coalescing packs.

Units can be supplied in six standard models. All units utilise polypropylene corrugated separation plates and are designed to only operate with diaphragm pumps.

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

Approval Number	Model	Coalescing Medium <sup>1</sup>	Tank Material	Plate Packing Arrangement (mm)	Max Flow (L/h)	Pump Type	Inlet / Outlet (mm)
AN-051-01	MPV-12	PP <sup>2</sup>	PE <sup>3</sup>	(305x600x305) x 19 plates <sup>5,6</sup>	1,500	ASM D25 25mm diaphragm pump	32 / 32
AN-051-02	MPV-6	PP <sup>2</sup>	PE <sup>3</sup>	(305x600x305) x 39 plates <sup>6,7</sup>	1,500	ASM D25 25mm diaphragm pump	32 / 32
AN-051-03	BBSV-64/2/12	PP <sup>2</sup>	304 SS <sup>4</sup>	(610x600x305) x 39 plates <sup>5</sup>	2,000	ASM D32 32mm diaphragm pump	40 / 50
AN-051-04	BBSV-64/4/12	PP <sup>2</sup>	304 SS <sup>4</sup>	[(610x600x305) x 39 plates <sup>5</sup> ] x 2 packs	4,000	ASM D38 40mm diaphragm pump	40 / 50
AN-051-05	BSV-96/6/12	PP <sup>2</sup>	304 SS <sup>4</sup>	[(305x600x305) x 19 plates <sup>5</sup> ] x 2 packs [(610x600x305) x 39 plates <sup>5</sup> ] x 2 packs	6,000	ASM D50 50mm diaphragm pump	65 / 80
AN-051-06	BSV-96/9/12	PP <sup>2</sup>	304 SS <sup>4</sup>	[(305x600x305) x 19 plates <sup>5</sup> ] x 3 packs [(610x600x305) x 39 plates <sup>5</sup> ] x 3 packs	10,000	ASM D76 80mm diaphragm pump	65 / 80

1: Plates are positioned vertically.  
5: Plates assembled at 12mm spacing

2: Custom filled oleophilic polypropylene  
6: Tapered single pack

3: Polyethylene  
7: Plates assembled at 6mm spacing

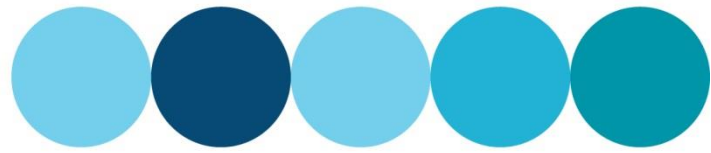
4: Stainless steel

### Special conditions of approval

- The product shall be *supplied* with manufacturer's installation instructions and recommended procedures for operation and maintenance. **Only diaphragm pumps are to be supplied.**
- The product shall be *installed* strictly in accordance with the manufacturer's written instructions and the *Plumbing Standards*, with particular emphasis on the following:
  - Oil water separators must be installed in a bunded area and connected back to the pump pit.
  - A Trade Waste Sampling Point (TWSP) must be installed according to the Corporation's typical drawings.
  - The outlet pipe must be plumbed via a tundish that is separate and upstream to the TWSP.
- This approval certificate is not a stand-alone document and **must be read** in conjunction with Water Corporation's:
  - [Typical Drawings for Trade Waste - Coalescing Plate Separator \(HX33-12-10\)](#)
  - [Typical Drawings for Trade Waste – Trade Waste Sampling Point \(TWSP\) \(HX33-11-30\)](#)
- A maintenance contract is to be in place to ensure the ongoing reliability of the product.
- Water Corporation must be notified within fourteen (14) days upon installation 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.
- 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.

# Approval certificate

## Trade waste pre-treatment product



### Special conditions of approval (continued)

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 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):** Typical CPS Layout Diagram (#CPSMAN1, dated May 2021)  
MP – Separators (Rev 3, dated July 2017)  
BSV-96-9-02 General Arrangement (Rev A, dated 04 Jun2013)  
BBSV-03 CPS General Arrangement (Rev 0, dated 10 Jun 2020)

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

**Date issued** 24 May 2021

**Validity period:** Five (5) years