

# Approval Certificate

## Trade waste pre-treatment product

**Applicant:** ACO Polycrete Pty Ltd  
**Postal address:** 467 Tufnell Rd, BANYO, QLD, 4014

**Attention:** Greg Facey  
**Web:** [www.acoaus.com.au](http://www.acoaus.com.au)  
**Email:** [acowa@acoaus.com.au](mailto:acowa@acoaus.com.au)

**Manufacturer:** ACO Polycrete Pty Ltd  
**Address:** 134-140 Old Bathurst Rd, EMU PLAINS, VIC, 2750

### Product/Device Description

ACO Polycrete provides industrial floor drains for industrial and commercial drainage systems through its Wexel and Gully range of devices.

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

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

Approval Number	Body			Drain Bowl (DB)				
	Type	Item	MOC <sup>4</sup>	Size of Grate (mm)	Size of DB (mm)	FAT <sup>5</sup>	Pipe Outlet Size (mm)	Outlet Direction
AN-055-01	Wexel <sup>1</sup>	141876	CI	150 - ○	279	N/A	100	Vertical
AN-055-02	Wexel <sup>1</sup>	141877	CI	200 - ○	279	N/A	100	Vertical
AN-055-03	Wexel <sup>1</sup>	141878	CI	140 - ○	279	N/A	100	Vertical
AN-055-04	Wexel <sup>1</sup>	141879	CI	180 - ○	279	N/A	100	Vertical
AN-055-05	Wexel <sup>1</sup>	141880	CI	150 - □	279	N/A	100	Vertical
AN-055-06	Wexel <sup>1</sup>	141881	CI	200 - □	279	N/A	100	Vertical
AN-055-07	Wexel <sup>1</sup>	141882	CI	300 - □	279	N/A	100	Vertical
AN-055-08	Gully 157 <sup>2</sup>	142039	304	200 - □	157	No	100/110	Vertical
AN-055-09	Gully 157 <sup>2</sup>	142040	316	200 - □	157	No	100/110	Vertical
AN-055-10	Gully 157 <sup>2</sup>	142041	304	200 - □	157	Yes	100/110	Vertical
AN-055-11	Gully 157 <sup>2</sup>	142042	316	200 - □	157	Yes	100/110	Vertical
AN-055-12	Gully 157 <sup>2</sup>	141976	304	200 - □	157	No	100/110	Vertical
AN-055-13	Gully 157 <sup>2</sup>	141977	316	200 - □	157	No	100/110	Vertical
AN-055-14	Gully 157 <sup>2</sup>	141978	304	200 - □	157	Yes	100/110	Vertical
AN-055-15	Gully 157 <sup>2</sup>	141979	316	200 - □	157	Yes	100/110	Vertical
AN-055-16	Gully 157 <sup>2</sup>	141988	304	200 - ○	157	No	100/110	Vertical
AN-055-17	Gully 157 <sup>2</sup>	141989	316	200 - ○	157	No	100/110	Vertical
AN-055-18	Gully 157 <sup>2</sup>	141990	304	200 - ○	157	Yes	100/110	Vertical
AN-055-19	Gully 157 <sup>2</sup>	141991	316	200 - ○	157	Yes	100/110	Vertical
AN-055-20	Gully 157 <sup>2</sup>	141980	304	200 - □	157	No	100/110	Horizontal
AN-055-21	Gully 157 <sup>2</sup>	141981	316	200 - □	157	No	100/110	Horizontal
AN-055-22	Gully 157 <sup>2</sup>	141982	304	200 - □	157	Yes	100/110	Horizontal
AN-055-23	Gully 157 <sup>2</sup>	141983	316	200 - □	157	Yes	100/110	Horizontal
AN-055-24	Gully 157 <sup>2</sup>	141984	304	200 - ○	157	No	100/110	Horizontal
AN-055-25	Gully 157 <sup>2</sup>	141985	316	200 - ○	157	No	100/110	Horizontal
AN-055-26	Gully 157 <sup>2</sup>	141986	304	200 - ○	157	Yes	100/110	Horizontal
AN-055-27	Gully 157 <sup>2</sup>	141987	316	200 - ○	157	Yes	100/110	Horizontal
AN-055-28	Gully 218 <sup>3</sup>	142043	304	300 - □	218	No	100/110	Vertical
AN-055-29	Gully 218 <sup>3</sup>	142044	316	300 - □	218	No	100/110	Vertical
AN-055-30	Gully 218 <sup>3</sup>	142045	304	300 - □	218	Yes	100/110	Vertical
AN-055-31	Gully 218 <sup>3</sup>	142046	316	300 - □	218	Yes	100/110	Vertical
AN-055-32	Gully 218 <sup>3</sup>	142047	304	300 - □	218	No	150/160	Vertical
AN-055-33	Gully 218 <sup>3</sup>	142048	316	300 - □	218	No	150/160	Vertical
AN-055-34	Gully 218 <sup>3</sup>	142049	304	300 - □	218	Yes	150/160	Vertical
AN-055-35	Gully 218 <sup>3</sup>	142050	316	300 - □	218	Yes	150/160	Vertical
AN-055-36	Gully 218 <sup>3</sup>	141192	304	300 - □	218	No	150/160	Vertical
AN-055-37	Gully 218 <sup>3</sup>	141193	316	300 - □	218	No	150/160	Vertical
AN-055-38	Gully 218 <sup>3</sup>	141194	304	300 - □	218	Yes	150/160	Vertical
AN-055-39	Gully 218 <sup>3</sup>	141195	316	300 - □	218	Yes	150/160	Vertical
AN-055-40	Gully 218 <sup>3</sup>	141196	304	300 - ○	218	No	150/160	Vertical
AN-055-41	Gully 218 <sup>3</sup>	141197	316	300 - ○	218	No	150/160	Vertical
AN-055-42	Gully 218 <sup>3</sup>	141198	304	300 - ○	218	Yes	150/160	Vertical
AN-055-43	Gully 218 <sup>3</sup>	141199	316	300 - ○	218	Yes	150/160	Vertical
AN-055-57	Wexel <sup>1</sup>	141969	306	150 - ○	165	N/A	100	Vertical
AN-055-58	Wexel <sup>1</sup>	141970	306	150 - □	165	N/A	100	Vertical
AN-055-59	Wexel <sup>1</sup>	141971	306	200 - □	178	N/A	100	Vertical

1: With mandatory removable primary strainer either 142335 or 142336 and fixed secondary strainer 142334. 2: With mandatory removable primary strainer either 142326, 142327, 142328 or 142329 and fixed secondary strainer 142337.  
3: With mandatory removable primary strainer either 142330, 142331, 142332 or 142333 and fixed secondary strainer either 142337 or 142338. 4: MOC = Material of construction (304 stainless steel, 316 stainless steel or Cast Iron).  
5: FAT = Foul Air Trap, which must also have P trap as standard □ - square grate; ○ - round grate;

Approval Number	Strainer					
	Type	Item	MOC <sup>4</sup>	Vol (L)	Hole Size (mm)	No. of Holes
AN-055-44	Removable primary	142335	304	0.5	2.0	5,417
AN-055-45	Removable primary	142336	304	0.8	2.0	12,735
AN-055-46	Fixed secondary	142334	304	N/A	2.0	1,958
AN-055-47	Fixed secondary	142337	316	N/A	2.0	995
AN-055-48	Fixed secondary	142338	316	N/A	2.0	3,105
AN-055-49	Removable primary	142326	304	0.3	2.0	352
AN-055-50	Removable primary	142327	316	0.3	2.0	352
AN-055-51	Removable primary	142330	304	0.7	2.0	480
AN-055-52	Removable primary	142331	316	0.7	2.0	480
AN-055-53	Removable primary	142328	304	1.0	2.0	2,638
AN-055-54	Removable primary	142329	316	1.0	2.0	2,638
AN-055-55	Removable primary	142332	304	2.0	2.0	1,936
AN-055-56	Removable primary	142333	316	2.0	2.0	1,936

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### 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*. The Foul Air Trap (FAT) option cannot replace the requirement to install P-traps as per the *Plumbing Standards*.
3. The product chosen must be suitably sized to avoid surge conditions.
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 the Water Corporation, and no claim shall be made in advertising, promotion or other manner to the effect.
6. The 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. The 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 the Water Corporation's sewer.
9. The 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 the Water Corporation's requirements at the time of approval.
3. The product shall be manufactured to comply according to the details noted in the *ACO Wexel and ACO Gully Technical Handbook and Product Catalogues* (published 2014) in addition to any further details provided by the proponent when seeking this approval.
4. The product supplied for use in the 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 the Water Corporation's area of operations.
5. All discharges to sewer associated with this product must not exceed the Water Corporation's *Trade Waste Acceptance Criteria*.
6. Prior to any business (which is connected to the Water Corporation's sewer) installing this product the business must apply to the 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 the Water Corporation, when handled, stored, assembled or installed in accordance with the supplier's or manufacturer's written instructions.

<b>Approved Drawing(s):</b>	As per drawings within the following product catalogues: <ol style="list-style-type: none"><li>1. ACO Wexel (Technical Handbook and Product Catalogue, CA0032 (2014:5000))</li><li>2. ACO Gully (Technical Handbook and Product Catalogue, CA0033 (2014:5000))</li></ol>
<b>Authorising person:</b>	Stephen Jerkovic (Supervisor Investigations)
<b>Date issued</b>	27 October 2016
<b>Validity period:</b>	Five (5) years