

TECHNICAL NOTES 10 – 03

CWW Products Catalogues Updates

The purpose of this Technical Note is to provide an update on City West Water's (CWW) Products Catalogues summarising all amendments between 30th October 2009 and 30th November 2010.

1. Inclusion of new products

The products detailed in Appendix A have been assessed in accordance with CWW Asset Creation Policy, WSAA Product Specifications and relevant Australian and/or International Standards.

All new products have been included in CWW's revised Products Catalogues and can be accessed in Standards & Design Aqualink site.

- [Pressure Pipeline Systems Issue D1](#)
- [Non Pressure Pipeline Systems Issue D1](#)
- [Sewage Pumping Station Systems Issue C1](#)
- [Pre-Mix Concrete and Quarry Products Issue A4](#)

2. Removal of previously approved products

Two products have been removed or marked as currently no longer in production, as follows:

a) Pressure Pipeline Systems Products Catalogue

Tyco Water's Wang Stainless Steel 316 tapping band with single stud model KT1 as shown in Figure 1 has been removed. Several failures have been recorded on this product as the welded stud is getting dismantled from the main band, resulting in leaking services.



Figure 1 Tyco Water's KT 1 Wang Stainless Steel Tapping Band

b) Non Pressure Pipeline Systems Products Catalogue

Humes™ Quicktee™ Precast Concrete DN 600 Maintenance Shaft with DN 600/300 access cover and frame as shown in Figure 2, has been marked as currently no longer in production.

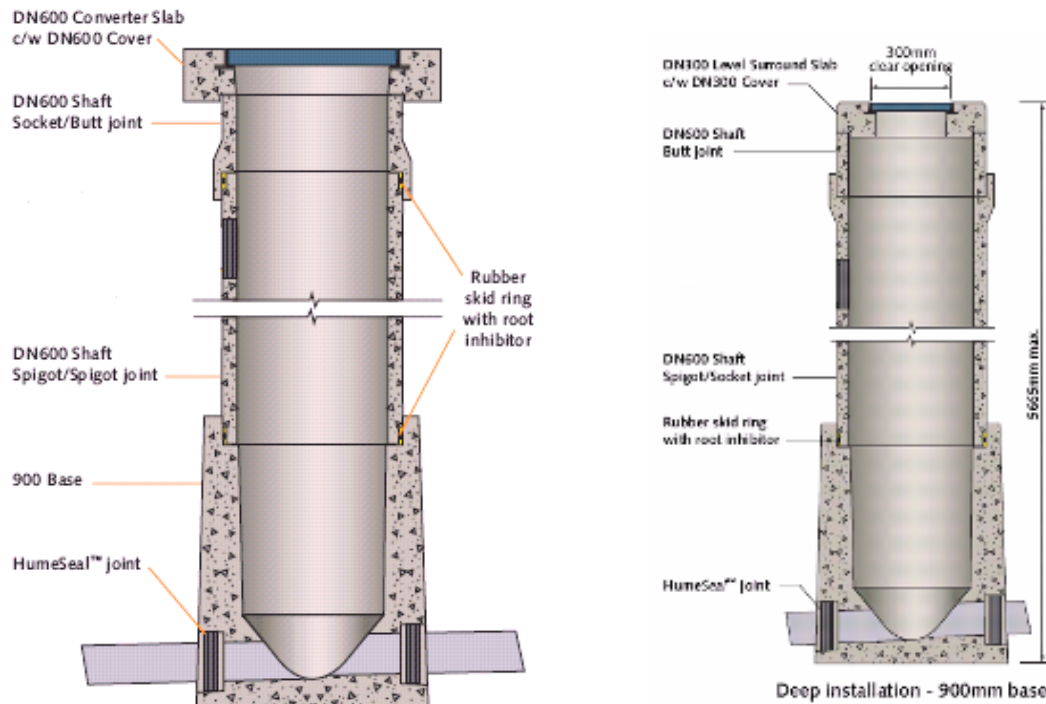


Figure 2 Humes™ Quicktee™ DN 600 Precast Maintenance Shaft with DN 600 / 300 access cover and frame

3. Additional Information

The relevant TAG papers for product appraisal of these new products are uploaded in CWW's Aqualink website at [TAG papers for Nov/Dec 2009 and Jan - Nov 2010](#) and clicking appropriate folders; Nov 2009 to Nov 2010.

The revised Products Catalogues have already been uploaded on CWW's website as well.

For further information please contact Standards and Design on 9313 8592 or email standards@citywestwater.com.au.



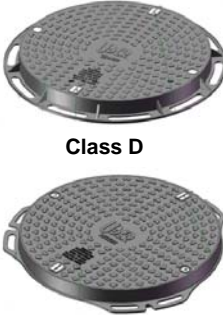

APPENDIX A



Table 1: New Products included in appropriate CWW Products Catalogue

Product Image / Trim File No.	Manufacturer / Supplier	Product Description	WSAA Appraisal No. & published date	Size Range, Pressure Rating	AS or Int'l Standards	TAG approved date
Pressure Pipeline Systems Product Catalogue						
Water Supply (includes Drinking and Non-Drinking Water Supply) and Sewerage applications						
 <p>09/4523</p>	Infratec International Pty Ltd	'Duc' Restraining flange for Polyethylene pipe for water supply and sewerage applications	CWW appraisal	DN 125, 180, 250, 280, 315, 355, 400, 450 DN 125 & 180 are made of ductile iron; DN 250 – 450 are fabricated from mild steel PN 16	-	16 March '10
Water Supply (includes Drinking and Non-Drinking Water Supply) applications						
 <p>Crevet Irontite™</p> <p>DI pipes with zinc (130 g/m²) coating with 2-part epoxy resin paint, cement mortar lined with seal coat.</p> <p>10/171</p>	Crevet Pipeline Pty Ltd / Xinxing, China	Irontite™ DI pipes for water supply applications	CWW appraisal	DN 100 – 750 PN35 (red marking), PN16 (blue marking flanged class)	AS/NZS 2280:2004	20 April '10
 <p>Zetco DZR Brass Ball Valve</p> <p>TOF connector (PE compression fitting DZR Brass)</p> <p>10/175</p>	Zetco Pty Ltd / Effebe Spa of Italy	Zetco Service Connection (In-line) DZR Brass Ball Valve for water supply applications	CWW appraisal	DN 20 only	AS/NZS 4796:2001	22 June '10

Product Image / Trim File No.	Manufacturer / Supplier	Product Description	WSAA Appraisal No. & published date	Size Range, Pressure Rating	AS or Int'l Standards	TAG approved date
Pressure Pipeline Systems Product Catalogue						
Water Supply (includes Drinking and Non-Drinking Water Supply) applications						
 <p>09/4523</p>	Micron Pipelines P/L	TOM PVC-O Series 2 pressure pipe for water supply applications, MRS 450 and MRS 500	PA 10/04 dated 09.09.10	DN 100, 150, 200, 225, 250, 300 and 375 PN 16 Series 2 Elastomeric seal ring	AS/NZS 4441:2008	21 Sept '10
 <p>10/1911</p>	Flowmaster Pipe Co P/L	Polyethylene Pipe for water supply applications	PA 10/05 dated 30.09.10	PE 100, PN 12.5, SDR 13.6 (DN 25 PE - DN 63 PE) PE 100, PN 16, SDR 11 (DN 90 PE – DN 110 PE)	AS/NZS 4130:2003	19 Oct '10
 <p>09/1261</p>	CMW BVA Valves Pty Ltd	Karon Challenger Resilient Seated Gate Valve for water applications	PA 06/09 Issue 2 dated 31.08.10	DN 80 – 600, PN 16 (previously DN 80 – 300 was approved)	AS2638.2:2002	16 Nov '10
 <p>Taptite Blue</p>  <p>Taptite White</p> <p>10/1754</p>	Crevet Pipelines	<p>Taptite ductile iron tapping band for water applications.</p> <p>Taptite Blue suits DI and Series 2 Blue PVC pipes such as PVC-U, PVC-M and PVC-O</p> <p>Taptite White suits AS/NZS 1477 Series 1 PVC-U pipe only</p>	CWW appraisal	<p>Taptite Blue Size DN 100 - 600 and tapping options 20 & 25mm</p> <p>Taptite White Size DN 100 - 375. Tapping options 20 & 25mm</p>	AS/NZS 2280	16 Nov '10

Product Image / Trim File No.	Manufacturer / Supplier	Product Description	WSAA Appraisal No. & published date	Size Range, Pressure Rating	AS or Int'l Standards	TAG approved date
Pressure Pipeline Systems Product Catalogue						
Water Supply (includes Drinking and Non-Drinking Water Supply) and Sewerage applications						
 <p>09/4523</p>	Tyco Water / Supreme Aquaservice Srl, Italy	Supreme Metric compression fittings for PE pipes - water supply & sewerage applications	PA 10/07 dated 13.08.10	DN 25 - 110 PN 16 Blue and purple nuts are available in sizes DN 20 – DN 32 for potable and recycled water. Black nut is standard for potable water	AS/NZS 4129:2008	21 Sept '10
 <p>10/1713</p>	Derwent Industries Pty Ltd	PN 16 lightweight thinner wall shorter effective length ductile iron fittings for water supply and sewer age	PA 10/03 dated 23.08.10	DN 80 – 250 PN 16	AS/NZS 2280:2004	21 Sept '10
	Australian Water & Irrigation Solutions Pty Ltd (AWIS)	Recycled Plastic blocks and wedges for water supply and sewerage applications	CWW appraisal	Material: Recycled Plastic, Sawdust and Resin. Thrust Block (600 x 300 x 40mm) Wedge (250 x 90 x 50mm)		19 Oct '10
 <p>08/4998</p>	Zezt Pty Ltd	MES TAS (Zekt) Polyethylene pipes for water supply and pressure sewer applications	PA 08/11 Issue 2 dated 08.10.10	PE 100, PN 16, SDR 11 DN 25 PE - DN 1200 PE* for potable / recycled water use DN 110 PE – DN 280 PE For pressure sewer use	AS/NZS 4130	16 Nov '10

Product Image / Trim File No.	Manufacturer / Supplier	Product Description	WSAA Appraisal No. & published date	Size Range, Pressure Rating	AS or Int'l Standards	TAG approved date
Non Pressure Pipeline Systems Product Catalogue						
  09/2664	Tyco Water / Alphacan Omniplast	Alphacan Omniplast DWV PVC-U elastomeric fittings	PA 09/05 published in July 1999	DN 300 (315 mm outside diameter)	EN 1401:1999	16 Feb '10
 Class D Class B 09/2664	Hygrade Water Aus. Ltd Partners / Dingzhou Pioneer Foundry, China	UBER DN 600 solid top access cover Class B & D	CWW appraisal WSAA has allocated PA 10/06 for assessment	DN 600 Ductile Iron Grade 500/7	AS 3996-2006	21 Sept '10
 10/1912	Australian Plastic Profiles P/L (APP)	PIPE KING™ PVC-U pipes and fittings for drain, waste and vent application	PA 10/02 dated 13.09.10	DN 100 - Class SN 10 and DN 150 & 225 – Class SN 8	AS/NZS 1260:2009	19 Oct '10

Product Image / Trim File No.	Manufacturer / Supplier	Product Description	WSAA Appraisal No. & published date	Size Range, Pressure Rating	AS or Int'l Standards	TAG approved date
Sewage Pumping Station Systems Products Catalogue						
 09/4487	Endress+Hauser Australia Pty Ltd	Waterpilot FMX21 (Heavy Duty Version) Pressure sensor for hydrostatic level measurements in wastewater	CWW appraisal	Outer dia 42 mm (1.66 in) with easy clean flush-mounted process diaphragm, accuracy +/- 0.2%, output 4-20 mA direct current		17 Nov '09
 09/4528	Val-Matic (HMA Valveco)	Swing-Flex Check valve	CWW appraisal	DN 80 – DN 750 (16 bar) DN 750 – DN 900 (10 bar)		15 Dec '09