

TECHNICAL NOTES

OCTOBER 1998

Number 4

Editorial

I have received a number of non conformance reports relating to a variety of products and I appreciate the efforts of those involved as it allows us to identify problems or resolve supply issues. Unfortunately a number of these non conformances related to problems with non authorised products.

*I would take this opportunity to remind you all that Items are authorised because they are fit for purpose and this does not necessarily mean the cheapest available. If a product is not in the authorised items catalogue **it shall not be used**. If you have any queries about products, contact the Infrastructure Standards Unit members.*

Greg Rosser

Phone (08) 8204 1346

Email greg.rosser@sawater.sa.gov.au

Kym Bowden

Phone (08) 8204 1966

Email kym.bowden@sawater.sa.gov.au

Greg Rosser
Manager Infrastructure Standards Unit

National Codes

The National Codes initiative is proceeding and at the time of writing the National Sewerage Code is on schedule for release in January 1999. Following this, the National Water Code is likely to be released in March 1999.

Since the workshops for both the Water and Sewerage Codes there has been considerable national support for the concept. Individuals and small groups of water industry personnel from all parts of Australia are working on various aspects of these codes to develop acceptable and user friendly codes that depict national best practice.

Other WSAA Codes

- The WSAA Polyethylene Code of Practice is now available from WSAA.
- Another workshop has been conducted to develop a National Sewerage Pumping Station Code.
- Negotiations are proceeding with a major water company for the development of a Steel Pipeline Code.

New Valve Manufacturer in SA

A joint venture between European AVK and British AQUA-GAS (Valves and Fittings) has seen the establishment of a company AQUA-GAS-AVK PTY LTD which will manufacture and supply a range of valves and fittings, based on their parent companies' ISO range of products, for both the water and gas industry.

Details are:-

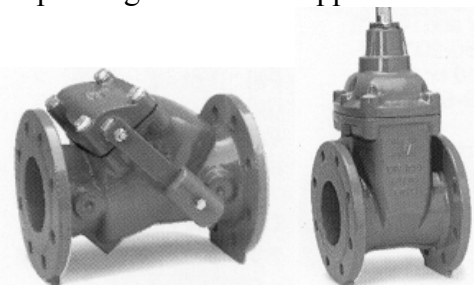
Location 7 Rosberg Rd Wingfield

Phone (08) 8359 6166

Fax (08) 8359 6417

Initially their range will be built around Resilient Seated Sluice and Swing Check Valves with the range expanding as demand indicates. The complete range of AQUA-GAS and AVK products are available and are under review for suitability in the Australian markets.

These valves have been granted Interim Authorisation for use in the SA Water infrastructure pending full WSAA appraisal.



METER INLET MANIFOLD

Autotherm Pty. Ltd, the only current authorised supplier of Copper and Brass fittings have added a range of meter manifolds to their current range of products. The arrangement allows for multiple meter take-offs and is designed to suit blocks of units, Strata title developments etc.

A Standard drawing showing typical layouts will be issued with the next set of drawing updates.

The manifold will be sold as a standard unit with 4 meter-offtakes. These manifolds can be joined to increase the number of meter offtakes.

The diameter of the service pipe feeding the manifold(s) controls the number of meter offtakes allowed

- 25mm service pipe from the main will support 4 x 20mm meters (1 manifold unit).
- 40mm service pipe from the main will support up to 12 x 20mm meters (3 manifold units).

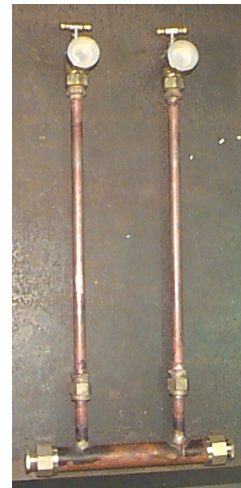
Where the number of meter offtakes is not a multiple of 4, the unused riser(s) can be blanked off using a 20 mm BSP brass plug.

2 or 3 riser manifolds are also available on request.

The design allows for a freeze collar to be used to change bent or damaged vertical riser without having to turn off the water supply.

For more information contact

Greg Rosser (08) 8207 7743
or Laurie McGing (08) 8207 1470.



CURRENT INTERIM AUTHORISATIONS

PRODUCT	MANUFACTURER	SUPPLIER / DISTRIBUTOR	COMMENTS
ELGEF electrofusion and Polyarc Compression PE100 fittings	George Fischer	Iplex Pipelines	Up to 375 diameter
Swivel Tapper Tee Cat no. 6530 for PE pipe	PLASSON	PLASSON	Supplied with 316 SS nuts and bolts
PolyPit 'SAIF-T'	Polypit	Cooke Pre Cast	Maintenance shaft which is an alternative to a concrete access chamber in some situations
Under Pressure Tapping of Mains (SS Flanged Offtake and Resilient seated valve)	Complete Tapping Services	Complete Tapping Services / Wang Ind	No size on size drilling permitted and No drilling of PVC mains Use of authorised products only
Class D Sewer cover and frame assemblies	Havestock / Cooke Pre Cast	Cooke Pre Cast	Sold as an assembly
	Webforge / Rocla	Rocla	Sold as an assembly
Resilient Seated and Swing Check Valves	AQUA-GAS/AVK	AQUA-GAS/AVK	DN 100-300