

Memorandum

To: Alan Auld, PURCHASING OFFICER – STORES

From: Dan Toon, EXECUTIVE MANAGER – COMMERCIAL SERVICES

cc:

Date: 08 October 2004

Re: Purchase Specification – Butterfly Valves for General Purposes.

File Reference: pm:kb 50/001/0028

BUTTERFLY VALVES FOR GENERAL PURPOSES

PURCHASE SPECIFICATION.

- 1.0 Wafer type butterfly valves suitable for potable water supply purposes.
- 2.0 Size will be specified at time of purchase.
- 3.0 Installed in above-ground conditions.
- 4.0 Pressure rating of 1200 kPa.
- 5.0 Body castings can be either grey cast iron or ductile cast iron material.
- 6.0 Valve seat to be EPDM material.
- 7.0 Shaft to be of stainless steel material either Grade 304 or 316.
- 8.0 Disc to be of stainless steel material either Grade 304 or 316.
- 9.0 Flange locating holes to be - AS2129 Table 'C' or 'E'.
- 10.0 O-ring stem seals.
- 11.0 Top flange drilling to be ISO compatible.
- 12.0 If lever operation specified, 10 position notch-plate, lockable.
- 13.0 If gearbox operation specified, then closing direction to be marked on the hand-wheel.

14.0 If pneumatic operation specified, then single action type, spring return on air fail (to close or open will be specified by Council), approx. 700 kPa air supply pressure, (differential water pressure will be specified by Council), (if a solenoid valve is to be fitted then the type will be specified by Council).

Prepared by
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Endorsed by
Dan Toon RPEQ
EXECUTIVE MANAGER COMMERCIAL SERVICES.