

Butterfly valves for waterworks purposes

Part 1: Wafer and lugged

Amendment No. 2

Correction amendment

Publishing and Approval Dates

Council of Standards Australia Approval: 22 October 2021

Published: 26 November 2021

Summary

This Amendment applies to the following elements:

- Clauses 1.2, 1.3, 1.4.3, 1.4.12, 1.4.14, 1.4.18, 1.4.19, 2.1, 2.3 5.1.2.1, 5.1.2.2, 5.2
- Table 2.1
- Section 5
- Appendix A

Amendment Details

This amendment replaces AS 4795.1—2011 AMD 1: 2021, which is withdrawn.

AS 4795.1—2011 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction / New text
CI 1.2	<i>Delete</i> clause, including heading, and <i>replace</i> with the following: 1.2 PRODUCT CONFORMITY EVALUATION TO THE STANDARD Product conformity to this Australian Standard shall be evaluated in accordance with Appendix A.
CI 1.3	After “AS 4158 Thermal-bonded polymeric coatings on valves and fittings for water industry purposes”, <i>add</i> the following: AS ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
CI 1.4.3	<i>Delete</i> text and <i>replace</i> with the following: A test performed by the manufacturer on a production batch, which has to be satisfactorily completed before the batch can be released.
CI 1.4.12	<i>Delete</i> text and <i>replace</i> with the following: Schedule of products of the same type, nominal diameter and dimensional characteristics manufactured from the same material. NOTE The production batch is defined by the manufacturer.
CI 1.4.14	<i>Delete</i> Clause.
CI 1.4.18	<i>Delete</i> text and <i>replace</i> with the following:

Element	Instruction / New text
	A test or series of tests directed towards approval of a design, conducted to determine if an item is capable of meeting the requirements of the product Standard and which is done once and repeated only after a change in design, materials, method or place of manufacture or as otherwise nominated in the product Standard.
CI 1.4.19	Delete Clause.
CI 2.1	Delete text and <i>replace</i> with the following: The basic materials for the manufacture of valve components shall be as given in Table 2.1. Alternative materials may be used, provided they are equivalent in performance and corrosion resistance. Non-metallic materials used in the componentry of valves shall be fit for the intended purpose and shall exhibit dimensional stability after extended periods of time immersed in water and wastewater. NOTE For information on material equivalence, consult the Water Services Association of Australia (WSAA).

Table 2.1 1 Delete "Shaft bearings" row and *replace* with the following:

Shaft bearings	Leaded tin bronze (Note 3)	AS 1565	C92710, C93500, C93700
	Brass (Note 3)	ASTM B455-10	UNS38500
		EN 12164	CW614N
		EN 12165	2.0401
	Aluminium bronze (Note 3)	AS 1565	C95810
	Polymer composite (Note 4)		

Element	Instruction / New text
	2 After Note 2, <i>add</i> the following: 3 May be lined with PTFE. 4 Polymer composite to be agreed by purchaser and supplier (see Note to Clause 2.1)
CI 2.3	Delete "0.05" and <i>replace</i> with "0.01".
Sec 5	Delete heading and <i>replace</i> with the following: TESTING
CI 5.1.2.1	1 Delete heading and <i>replace</i> with the following: <i>Performance tests</i> 2 Delete first paragraph and <i>replace</i> with the following: Type tests shall be undertaken on the basis of at least one set of performance tests for each valve size and carried out on the same valve in the sequence Test A to Test F, as specified in Clause 5.2.
CI 5.1.2.2	Delete second paragraph and <i>replace</i> with the following: Test 3 is only applicable to lugged pattern valves.
CI 5.2	Delete heading and <i>replace</i> with the following: PERFORMANCE TESTS
Appendix A	Delete Appendix and <i>replace</i> with the following: