

Access covers and grates

Amendment No. 1

Revised text amendment

Publishing and Approval Dates

Council of Standards Australia Approval: 22 February 2021

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Summary

This Amendment applies to the following elements:

- Clauses 1.3, 4.2.7 and 4.2.9
- Bibliography

Amendment Details

AS 3996:2019 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction / New text	
CI 1.3	1	In the listing for ISO 4892, Parts 2 and 3, <i>delete</i> the designations and part titles and <i>replace</i> with the following: 4892-2:2013 Part 2: Xenon-arc lamps 4892-3:2016 Part 3: Fluorescent UV lamps
	2	<i>Insert</i> the following between the heading “EN” and the listing for EN 14889 Parts 1 and 2: 124 Gully tops and manhole tops for vehicular and pedestrian areas 124-5:2015 Part 5: Gully tops and manhole tops made of composite materials
CI 4.2.7	<i>Insert</i> new Note 4 as follows:	
	4	If the calculated pull out test load is less than or equal to zero then the test does not need to be conducted.
CI 4.2.9	1	<i>Delete</i> clause title and <i>replace</i> with “Ultra-violet ray resistance”.
	2	<i>Delete</i> Items (a) to (d) and <i>replace</i> with the following:
	(a)	<i>Test specimens</i> — Test specimens should be prepared using the same polymer as that used in the cover/grate.
	(b)	<i>Test exposure</i> — Test specimens shall be exposed to UV in accordance with one of the following:
	(i)	Xenon-arc exposure to ISO 4892-2:2013 Method A, Cycle no. 1 for a total exposure time of 1 400 h; or
	(ii)	Fluorescent exposure to ISO 4892-3:2016 Method A, Cycle no. 1 for a total exposure time of 1 800 h.
	(c)	<i>Test requirement</i> — After exposure the tensile modulus shall not change by more than 20 % after exposure when tested to ISO 527-2.
	NOTES:	

Element	Instruction / New text
	1 The accelerated exposure regimes specified herein were based on that specified in EN 124-5:2015.
	2 These accelerated exposures do not purport to be equal to a 25 year service life.
Bibliography	<i>Add the following to the end of the list:</i>
	EN
	124 Gully tops and manhole tops for vehicular and pedestrian areas
	124-5 Part 5: Gully tops and manhole tops made of steel reinforced concrete