

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 1731.5—2003
Refrigerated display cabinets
Part 5: Temperature test

REVISED TEXT

The 2003 edition of AS 1731.5 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 1.1, 4.5 and 4.7.

Published on 15 December 2005.

AMDT
No. 1
DEC
2005

Page 4 Clause 1.1

Delete the text of Clause 1.1 and *replace* with the following:

‘This Standard specifies terminology, general mechanical and physical requirements, test conditions as well as installation and maintenance, for commercial refrigerators and freezers used for the sale or display of food products including beverages.

This Standard does not cover refrigerated vending machines, ice-makers, cabinets intended for use in catering and similar non-retail applications.’

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2005

Page 6 Clause 4.5

Delete first paragraph and *replace* with the following:

‘Before tests are started, the cabinet shall be switched on and allowed to run for 24 h or operate at stable conditions for at least 4 h at the specified climate class.

For closed refrigerated cabinets, stable conditions shall be determined prior to the door opening sequence.’

Page 7 Clause 4.7

Delete the first paragraph and *replace* with the following:

‘The test for closed refrigerated cabinets shall always be carried out on a complete cabinet, regardless of the number of doors or lids. The door opening sequences shall be performed by automated, mechanical means. Each door or lid shall be opened six times per hour. Where more than one door or lid pertains to the cabinet to be tested, the sequence in which the doors and lids are opened shall be staggered; i.e., in case of two doors: door 1 at the time of 0 min, door 2 at the time of 5 min, door 1 at the time of 10 min, door 2 at the time of 15 min, etc. The doors shall be opened beyond an angle of 60°. The door or lid shall be open for a total of 6 s. During this period the door shall be kept open beyond the angle of 60° for 4 s.

NOTE: The test laboratory may need to work with the manufacturer or importer of the cabinet to agree on a mutually acceptable cable entry. In difficult situations a cable entry hole may need to be provided in the cabinet for testing. This hole may be able to be fitted with sealing plugs after testing is complete.

For closed refrigerated cabinets with doors used for loading only, these loading doors shall not be opened during the test sequence.’
