

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 2381.1:2005
Electrical equipment for explosive gas atmospheres—Selection, installation and
maintenance
Part 1: General requirements

CORRECTION

The 2005 edition of AS/NZS 2381.1 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clause 2.6.1 and Table 3.1.

Published on 26 September 2005.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 2 September 2005.

Page 22 Clause 2.6.1

Delete the last sentence (before the notes) and *replace* with the following:

Equipment certified under the AUSEx Scheme is acceptable.

Page 30 Table 3.1

Delete the existing Table 3.1 and *replace* with the following:

AMDT
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SEP
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TABLE 3.1
NON-INTRINSICALLY SAFE WIRING SYSTEMS IN HAZARDOUS AREAS
(Not applicable to coal mining areas)

Type of wiring system	Zone 0	Zone 1	Zone 2
Cables in metallic conduit and fittings complying with AS/NZS 2053.1 and AS/NZS 2053.7 and the appropriate protection technique for the area in which they are to be installed.	X	X	X
Served MIMS.	*	X	X
Thermoplastic, thermosetting or elastomeric sheathed unarmoured.			X
Thermoplastic, thermosetting or elastomeric sheathed with armouring or braiding designed for mechanical protection.	*	X	X
Cables in rigid and corrugated, non-metallic conduit, minimum light duty, complying with AS/NZS 2053.1, AS/NZS 2053.2 and AS/NZS 2053.5.			X
Metal sheathed, served and armoured.	*	X	X
Flexible cords and cables in accordance with Clause 3.11.1.	*	X	X
Metal sheathed, served and unarmoured.			X
Flexible steel conduit with non-metallic serving to AS/NZS 2053.1 and AS/NZS 2053.8.			X
Trunking, ducts, pipes or trenches installed to meet the requirements of Clause 3.8.5.		X	X
Flexible conduit assemblies complying with the relevant requirements of AS 2380.2 or AS/NZS 60079.1		X	X

X denotes acceptable use.

* This wiring system may be installed in a Zone 0 area, if provided with additional protection to counter the harmful environmental effects detailed in Clause 3.8.4.

NOTE: AS 2380.2 was withdrawn on 28 February 2005.