

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 4
to
AS/NZS 61241.14:2005
Electrical apparatus for use in the presence of combustible dust
Part 14: Selection and installation

CORRECTION

The 2005 edition of AS/NZS 61241.14 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Table ZA.1.

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Page 52 Table ZA.1

Delete the table and replace with the following:

Table ZA.1 – Inspection schedule for Ex "tD" installations

Check that:		Grade of inspection		
		Detailed	Close	Visual
A	Apparatus			
1	Apparatus is appropriate to area classification	X	X	X
2	IP grade of apparatus is appropriate to conductivity of dust	X	X	X
3	Apparatus maximum surface temperature is correct	X	X	
4	Apparatus circuit identification is correct	X		
5	Apparatus circuit identification is available	X	X	X
6	Enclosure, glasses and glass to metal sealing gaskets and/or compounds are satisfactory	X	X	X
7	There are no unauthorized modifications	X		
8	There are no visible unauthorized modifications		X	X
9	Bolts, cable entry devices and blanking elements are of the correct type and are complete and tight			
	- Physical check	X	X	
	- Visual check			X
10	Lamp rating, type and position are correct	X		
11	Electrical connections are tight	X		
12	Condition of enclosure gaskets is satisfactory	X		
13	Motor fans have sufficient clearance to enclosure and/or covers	X		
B	Installation			
1	The installation is such as to minimize the risk of dust accumulations	X	X	X
2	Sealing of trunking, ducts, pipes and/or conduits is satisfactory	X	X	X
3	Type of cable is appropriate	X		
4	There is no obvious damage to cables	X	X	X
5	Cables not in use are correctly terminated	X	X	
6	Earthing connections, including any supplementary earthing bonding connections are satisfactory			
	- Physical check	X		
	- Visual check		X	X
7	Earth loop impedance resistance is satisfactory	X		
8	Insulation resistance is satisfactory	X		
9	Automatic electrical protective devices operated within permitted limit	X		
10	Automatic electrical protective devices are set correctly	X		
11	Special conditions of use (if applicable) are complied with	X		
C	Environment			
1	Apparatus is adequately protected against corrosion, weather, vibration and other adverse conditions	X	X	X
2	No undue accumulation of dust and dirt	X	X	X