

STANDARD INFORMATION

Standard: FM Approvals 3610

Standard ID: Examination Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous (Classified) Locations [FM Approvals 3610:2021]

Previous Standard ID: Intrinsically Safe Apparatus and Associated Apparatus for Use in Class 1, 2 and 3, Division 1, Hazardous (Classified) Locations [FM Approvals 3610:2010]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 1, 2027**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- New requirements for apparatus for class I locations
- Revised operation requirements

Specific details of new/revise requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT										
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>										
3	Info	GENERAL REQUIREMENTS <i>New clause added;</i> APPARATUS FOR CLASS I LOCATIONS Intrinsically Safe Equipment and/or circuits for use in Class I, Division 1, Groups A, B, C and/or D Hazardous (Classified) Locations shall comply with all applicable requirements in ANSI/UL 60079-11 for Category “ia”, Group IIC, IIB and/or IIA as shown in Table 1. Exception No. 1: Marking of the equipment shall meet the requirements contained in Clause 5. Exception No. 2: At the customer’s request, equipment for Class I may be assessed against the requirements in the previous edition of ANSI/UL-60079-11										
		Class I, Division 1 Requirements										
Table 1		<table border="1"><thead><tr><th>Certification Sought for Class I, Division 1, Group as follows</th><th>Requirements from ANSI/UL 60079-11 to be applied for the group as follows</th></tr></thead><tbody><tr><td>A</td><td>IIC</td></tr><tr><td>B</td><td>IIC</td></tr><tr><td>C</td><td>IIB</td></tr><tr><td>D</td><td>IIA</td></tr></tbody></table>	Certification Sought for Class I, Division 1, Group as follows	Requirements from ANSI/UL 60079-11 to be applied for the group as follows	A	IIC	B	IIC	C	IIB	D	IIA
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A	IIC											
B	IIC											
C	IIB											
D	IIA											
		Section 6 has been completely re-written, see updated section below:										
6		OPERATIONS REQUIREMENTS See FM Approvals Standard 3600.										