

Cable Fittings for Use in Zone Classified Hazardous Locations - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UL SOLUTIONS.

GENERAL

This category covers cable termination fittings and combination cable termination and sealing fittings for threaded connection of cable to equipment in Zone classified hazardous locations as indicated in the individual certifications. Termination and sealing fittings that employ a sealing compound are intended for use only with sealing compound as specified by the manufacturer in instructions furnished with the fitting. No splices of conductors are permitted to be made in the fitting. Restrictions on position and/or location of the sealing fitting are indicated in the manufacturer's instructions.

CONDITIONS OF ACCEPTABILITY

Consideration is to be given to the following Conditions of Acceptability when these components are employed in the end-use equipment:

1. These fittings shall be mounted in enclosure entries in accordance with the manufacturer's instructions.
2. Fittings that are for use only with intrinsically safe wiring are intended for installations where the cable type fitted is permitted based upon the use of an intrinsically safe system installation in accordance with the control drawings.
3. Other conditions of acceptability as shown in the Report,

REQUIREMENTS

The basic standards used to investigate products in this category are [UL 2225](#), "Cables and Cable-Fittings For Use In Hazardous (Classified) Locations," and [UL 514B](#), "Conduit, Tubing, and Cable Fittings."

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