



TECHNICAL SERVICES DEPARTMENT

BULLETIN

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FLEXIBLE METAL CONDUIT NATIONALLY RECOGNIZED TESTING LABORATORIES

The National Electrical Code (NEC) requires FMC and associated fittings to be listed per 348.6. Annex A of the NEC in turn lists UL 1 as the Safety Standard for Flexible Metal Conduit. The purpose of this Bulletin is to identify Nationally Recognized Testing Laboratories that provide listings for Flexible Metal Conduit products.

OSHA recognizes third party organizations that provide testing for safety and certification that are acknowledged throughout the United States. These third party organizations are referred to as Nationally Recognized Testing Laboratories (NRTLs). As a part of the NRTLs listings, users of FMC and associated fittings know whether the product meets specified safety standards by placing the NRTL's certification mark on the manufactured product.

The following is a list of all of the NRTL organizations currently recognized by OSHA for listing Flexible Metal Conduits (ANSI/UL 1):

Canadian Standards Association (CSA)
Intertek Testing Services NA, Inc (ITSNA)
SGS U.S. Testing Company, Inc (SGSUS)
Underwriters Laboratories Inc, (UL)

In the case of Flexible Metal Conduit (FMC), certification is based on the UL 1 standard. All four Nationally Recognized Testing Laboratories must be able to test and verify that a product meets the requirements stated in the product safety standards. Furthermore, after certification the NRTL monitors the manufacturer, the product, the marketplace, and the use of the NRTL's certification mark. Thus, it is acceptable for a product to have any of the four particular NRTL's (CSA, Intertek, SGS, or UL) certification marks and be recognized wherever Flexible Metal Conduit is sold.

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