



UL 884

Underwriters Laboratories Inc. Standard for Safety

Underfloor Raceways and Fittings



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UL Standard for Safety for Underfloor Raceways and Fittings, UL 884

Twelfth Edition, Dated October 20, 2011

Summary of Topics

The Twelfth Edition of ANSI/UL 884 is being issued to update ANSI information. No revisions to the requirements are being issued.

The requirements are substantially in accordance with Proposal(s) on this subject dated July 8, 2011.

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UL 884

Standard for Underfloor Raceways and Fittings

First Edition – July, 1934
Second Edition – February, 1943
Third Edition – April, 1956
Fourth Edition – July, 1962
Fifth Edition – October, 1970
Sixth Edition – September, 1976
Seventh Edition – October, 1981
Eighth Edition – December, 1987
Ninth Edition – June, 1994
Tenth Edition – November, 1998
Eleventh Edition – November, 2005

Twelfth Edition

October 20, 2011

This ANSI/UL Standard for Safety consists of the Twelfth Edition.

The most recent designation of ANSI/UL 884 as a Reaffirmed American National Standard (ANS) occurred on October 20, 2011. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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INTRODUCTION

1 Scope

1.1 These requirements cover metal underfloor duct systems designed for use as raceways for the installation of wires and cables in accordance with the National Electrical Code (NEC), NFPA 70.

1.2 These requirements do not cover rigid or flexible conduit surface raceways or other products of a similar nature that are covered by individual requirements separate from these requirements.

1.3 General compliance of underfloor raceway systems in accordance with the construction and performance requirements in this standard shall be determined by a study of an actual installation of the system or a completely representative sample installation.

2 General

2.1 Undated references

2.1.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

2.2 Units of measurement

2.2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

CONSTRUCTION

3 General – System

3.1 All boxes, couplings, elbows, bends, duct supports, and other parts of an underfloor raceway system shall be for use with the duct that is provided to form the complete underfloor raceway system. The construction of boxes and fittings shall block the entrance of fresh concrete wherever joints are made in any actual installation (either between sections of duct, or between duct and boxes or other fittings).

3.2 A component of an underfloor raceway system shall comply with the requirements for the construction, performance, and use of that component.

3.3 The materials used for underfloor raceways and fittings shall be compatible with all other materials in the raceway and fittings system.

3.4 Fittings for use with an underfloor raceway system include all devices and accessories, other than junction boxes and the duct itself, that are designed to form a part of the complete system.

3.5 For convenience in these requirements, fittings are divided into three general groups: duct fittings, outlet fittings, both covered in section 9, and duct supports which are covered in section 10.