



UL 2737

Underwriters Laboratories Inc. Standard for Safety

Crane Insulators



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UL Standard for Safety for Standard for Crane Insulators, UL 2737

First Edition, Dated August 18, 2010

Summary of Topics

The first edition of the Standard for Crane Insulators, UL/ANSI 2737. This standard specifies the characteristic mechanical and electrical performance levels required for these insulating devices.

The new requirements are substantially in accordance with Proposal(s) on this subject dated June 25, 2010.

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AUGUST 18, 2010

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ANSI/UL 2737-2010

UL 2737

Standard for Crane Insulators

First Edition

August 18, 2010

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

The most recent designation of ANSI/UL 2737 as an American National Standard (ANSI) occurred on August 18, 2010. 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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A.1	General	A1
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Annex B (informative) Guidance on selection of preferred voltage ratings for insulators, preferred position to install insulators on a crane, a risk assessment and tamper proofing.

B.1	Voltage rating	B1
B.2	Preferred installation	B2
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INTRODUCTION

1 Scope

1.1 This standard is applicable to crane insulators, not limited to but including as example, for use by the construction industry including tag line insulating links, in foundries, and for radio frequency by guy strain insulators. This standard specifies the characteristic mechanical and electrical performance levels required for these insulating devices.

2 Normative References

2.1 Crane insulators covered by this standard also meet the applicable requirements in the following:

IEC 60507

Artificial pollution tests on high-voltage insulators to be used on ac systems

IEC 60060

High-voltage test techniques – Part 1: general definitions and test requirements

IEC 61201

Touch voltage threshold values for protecting against electric shock

IEC 62217

Polymeric insulators for indoor and outdoor use with a nominal voltage > 100V – General definitions, test methods and acceptance criteria

IEC 60479-1

Effects of current passing through the human beings and livestock

IEC 60815-1

Selection and dimensioning of high-voltage insulators for polluted conditions

IEC 60815-2

Selection and dimensioning of high-voltage insulators for polluted conditions

ISO 1463

Metallic and oxide coatings – Measurement of coating thickness – Microscopical method

ISO 4892-2

Plastics Methods of exposure to laboratory light sources: Xenon-arc lamps

ISO 4892-3

Plastics Methods of exposure to laboratory light sources: Fluorescent UV lamps