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Aerospace series - Cables, electrical, aircraft use - Test methods - Part 411: Resistance to fluids

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/19

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EUROPEAN STANDARD

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English Version

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 411: Resistance to fluids

Série aérospatiale - Câbles électriques à usage
aéronautique - Méthodes d'essais - Partie 411 :
Résistance aux fluides

Luft- und Raumfahrt - Elektrische Leitungen für
Luftfahrtverwendung - Prüfverfahren - Teil 411:
Beständigkeit gegen Flüssigkeiten

This European Standard was approved by CEN on 13 November 2017.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 3475-411:2018 (E)

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European foreword

This document (EN 3475-411:2018) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3475-411:2014.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 3475-411:2018 (E)**1 Scope**

This European Standard specifies two methods of determining the fluid resistance of a finished cable.

Method 1: occasional contamination.

Method 2: contamination test.

It shall be used together with EN 3475-100 and EN 3909.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3475-100, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 100: General*

EN 3475-201, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 201: Visual examination*

EN 3475-203, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 203: Dimensions*

EN 3475-302, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 302: Voltage proof test*

EN 3475-405, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 405: Bending at ambient temperature*

EN 3475-503, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 503: Scrape abrasion*

EN 3909, *Aerospace series — Test fluids for electrical and optical components and sub-assemblies*

ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

MIL-PRF-87937D, *Performance specification: cleaning compound, aerospace equipment* ¹⁾

ASTM D740, *Standard Specification for Methyl Ethyl Ketone* ²⁾

AMS 1476B, *Aircraft toilet flush fluid* ²⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

1) Published by: DoD National (US) Mil. Department of Defense. <http://www.defenselink.mil/>

2) Published by: ASTM National (US) American Society for Testing and Materials. <http://www.astm.org/>