



NSAI
Standards

Irish Standard
I.S. EN 3475-411:2014

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

I.S. EN 3475-411:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 3475-411:2005

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 11 October 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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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Foreword

This document (EN 3475-411:2014) 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of an identical text or by endorsement, at the latest by May 2015, and conflicting national standards shall be withdrawn at the latest by May 2015.

This document supersedes EN 3475-411:2005.

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

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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, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 - Cable, 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 and test methods for electric components and sub-assemblies*

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