Lennunduse ja kosmonautika seeria. Elektriliste ja optiliste ühenduste elemendid. Katsemeetodid. Osa 307: Soolased aurud

Aerospace series - Elements of electrical and optical connection - Test methods - Part 307: Salt mist

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 2591-307:2012 sisaldab Euroopa standardi EN 2591-307:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 2591-307:2012 consists of the English text of the European standard EN 2591-307:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.07.2012.	Date of Availability of the European standard is 18.07.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 49.060, 49.090

EUROPEAN STANDARD

NORME EUROPÉENNE

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ICS 49.060; 49.090

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English Version

Aerospace series - Elements of electrical and optical connection - Test methods - Part 307: Salt mist

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 307: Brouillard salin

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 307: Salznebel

This European Standard was approved by CEN on 23 March 2012.

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

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Foreword

This document (EN 2591-307:2012) 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 January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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.

This document supersedes EN 2591-307:1998.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies a method of assessing the effects of salt mist on elements of connection.

It should be used together with EN 2591-100.

The test is based on EN 60068-2-11.

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 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

EN 2591-101, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 101: Visual examination*

EN 2591-205, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 205: Housing (shell) electrical continuity*

EN 2591-408, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 408: Mating and unmating forces*

EN 60068-2-11:1999, *Environmental testing — Part 2-11: Tests — Test Ka: Salt mist (IEC 60068-2-11:1981)*

3 Preparation of specimens

3.1 The specimens shall be prepared according to the technical specification.

3.2 Unless specified in the technical specification, the following details shall be stated:

— number of mating and unmating operations before test (if applicable);

— specimens mated or unmated (if applicable);

— mounting method, position and definition of specimen wiring;

— type of cable (if applicable);

— duration of the test;

— initial measurements (if applicable);

— final measurements and requirements (if applicable).

4 Apparatus

4.1 Test chamber

The test chamber shall meet the requirements of EN 60068-2-11:1999, Clause 3.