



SLOVENSKI STANDARD
SIST EN 2591-101:2001
01-januar-2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 101: Visual examination

Aerospace series - Elements of electrical and optical connection - Test methods - Part 101: Visual examination

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 101: Sichtprüfung

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essai - Partie 101: Examen visuel

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Ta slovenski standard je istoveten z: EN 2591-101:1994

ICS:

49.060 Štejni in merilni sistemi za letalstvo in zrakoplovstvo
Aerospace electric equipment and systems

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EUROPEAN STANDARD

EN 2591-101

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 1994

UDC 621.316.541:681.3:620.1

Descriptors: Aircraft industry, aircraft equipment, connecting equipment, tests, visual examination

English version

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This European Standard was approved by CEN on 1994-08-09. 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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

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

This standard was submitted for Formal Vote, and the result was positive.

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 1995, and conflicting national standards shall be withdrawn at the latest by February 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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1 Scope

This standard specifies a method for the visual examination of elements of electrical connection ¹⁾.

It shall be used together with EN 2591.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 2591 Aerospace series - Elements of electrical and optical connection - Test methods - General

EN 2591-6101 Aerospace series - Elements of electrical and optical connection - Test methods - Part 6101 : Optical elements - Visual examination ²⁾

3 Characteristics to be examined

- aspect (for example : corrosion, colour, surface texture, foreign matters inside the product and on its surface);
- marking required by the technical specification or the product standard;
- homogeneity of materials (for example : cavities, presence of foreign matters);
- presence or absence of a lubricant in the designated area;
- loosened or separated parts.

4 Means of examination

The examination shall be done :

- either with the naked eye and suitable vision and lighting ;
- or by optical means.

Special methods such as the use of polarizing light (to observe internal stresses inside materials) or other indicators (to observe cracks or cavities inside materials) are not required unless called for in the technical specification.

1) The method for the visual examination of elements of optical connection is covered by EN 2591-6101.
2) Published as AECMA Prestandard at the date of publication of this standard