



SLOVENSKI STANDARD SIST EN 2078:2001

01-januar-2001

Aerospace series - Metallic materials - Manufacturing schedule - Inspection and test report - Description and rules for use

Aerospace series - Metallic materials - Manufacturing schedule - Inspection and test report - Description and rules for use

Luft- und Raumfahrt - Metallische Werkstoffe - Fertigungsplan - Prüfanweisung - Abnahmeprüfzeugnis - Beschreibung und Regeln zur Anwendung

Série aérospatiale - Matériaux métalliques - Fiche de fabrication - Fiche d'essais - Rapport de contrôle et d'essai - Description et règles d'utilisation

<https://standards.iteh.ai/catalog/standards/sist/029fb20e-a4d2-48a2-b208-441c3587f495/sist-en-2078-2001>

Ta slovenski standard je istoveten z: EN 2078:1993

ICS:

49.025.05 Železove zlitine na splošno Ferrous alloys in general

SIST EN 2078:2001

en

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EUROPEAN STANDARD

EN 2078:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1993

UDC 669.658.512:620.1:629.7

Descriptors: Aircraft industry, metallurgical products, technical data sheets, manufacturing, tests, inspection, utilization

English version

**Aerospace series - Metallic materials -
Manufacturing schedule - Inspection schedule -
Inspection and test report - Description and rules
for use**

Série aérospatiale - Matériaux métalliques -
Fiche de fabrication - Fiche d'essais - Rapport
de contrôle et d'essai - Description et règles
d'utilisation

Luft- und Raumfahrt - Metallische Werkstoffe -
Fertigungsplan - Prüfanweisung -
Abnahmeprüfzeugnis - Beschreibung und Regeln
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This European Standard was approved by CEN on 1993-05-03. 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.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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 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 November 1993, and conflicting national standards shall be withdrawn at the latest by November 1993.

According to the Internal Regulations of CEN/CENELEC, 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 and the United Kingdom.

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1 Scope

This standard describes and gives the general rules for the use of the manufacturing schedule, the inspection schedule and the inspection and test report when they are contractual documents requested by the purchaser.

It shall be applicable whenever referenced.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited in 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 2000 Aerospace series - Quality assurance - EN aerospace products - Approval of the quality system of manufacturers

3 Terminology

Purchaser

Body which purchases the products from a manufacturer or a stockist in accordance with the requirements of the user.

NOTE : The purchaser may also be the user.

Manufacturer

See EN 2000.

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Stockist

Body which purchases and stocks products from a manufacturer and supplies them according to the requirements of the purchaser or user.

User

See EN 2000.

4 Description and rules for use

4.1 Manufacturing schedule

The production methods and processes for products and parts are generally left to the discretion of the manufacturer.

However, whenever, because of the special properties required by the purchaser due to difficulties of production and/or the vital function of the part in service, it is essential there should be strict observance of the methods of manufacture finally chosen, these methods together with the satisfactory results of inspection and testing carried out on the pre-production parts shall be recorded in a document called "Manufacturing schedule".

This document is and remains the property of the manufacturer.

The purchaser's or user's design office and/or a representative of the Quality Assurance organization and/or of the Quality Assurance Authorities shall be allowed to have access to and refer to it .

No modification of the methods or techniques of manufacture of the product already accepted by the purchaser shall be made by the manufacturer without giving prior notice to the purchaser's and/or user's design office and/or the Quality Assurance representative. The latter may require that the manufacturer guarantee that the conformance of the parts delivered has not been affected by these modifications and require proof of this.

If special materials, products or properties are required, the purchaser may call for collaboration with the manufacturer in the preparation and approval of the manufacturing schedule. In this case, the schedule set up by the manufacturer again remains his property but requires to be approved by the purchaser and, where necessary, by the Official Services before routine production of the materials or products commences.

In any case, the requirements for commercial secrecy shall be applied to the manufacturing schedule.

4.2 Inspection schedule

The general requirements for inspection and testing of a product or part are specified in the relevant standard.

Any special or additional requirements requested by the purchaser for a particular product or parts shall be indicated to the manufacturer on the drawing and/or shall be covered by a document accepted by the two parties.

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For example:

- that an optional test, called up by the standard, should be mandatory for a special part,
- the grain flow and position of cut up test samples from a forging,

This document is called "Inspection schedule".

4.3 Inspection and test report

As specified in the standards, the manufacturer shall notify the purchaser of the results of inspection and tests carried out on each batch of products or parts, as well as all information ensuring full traceability of the batch.

He shall quote the results of the tests prescribed by the relevant standard, as well as those required by the drawing and/or inspection schedule when the order provides for this.

By this document, the manufacturer accepts the responsibility for the conformance of the products or parts with the requirements of the order.

It shall therefore be signed by the person responsible for the quality control of the manufacturer and contain a clause certifying compliance of the products or parts delivered, with the requirements of the order and the relevant standards.

This document is called "Inspection and test report".