

**Aerospace series - Metallic materials - General  
requirements for semi-finished product qualification  
(excluding forgings and castings)**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 2043:2013 sisaldab Euroopa standardi EN 2043:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 2043:2013 consists of the English text of the European standard EN 2043:2013.
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 10.07.2013.	Date of Availability of the European standard is 10.07.2013.
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](mailto:standardiosakond@evs.ee).

ICS 49.025.05, 49.025.15

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ICS 49.025.05; 49.025.15

English Version

**Aerospace series - Metallic materials - General requirements for  
semi-finished product qualification (excluding forgings and  
castings)**

Série aérospatiale - Matériaux métalliques - Exigences  
générales pour la qualification des demi-produits (à  
l'exclusion des pièces forgées, matricées ou moulées)

Luft- und Raumfahrt - Metallische Werkstoffe - Allgemeine  
Anforderungen an die Qualifizierung von Halbzeug  
(ausgenommen Schmiedestücke und Gussstücke)

This European Standard was approved by CEN on 8 May 2013.

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 2043:2013) 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 2014, and conflicting national standards shall be withdrawn at the latest by January 2014.

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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## Introduction

This standard is part of the series of EN metallic material standards for aerospace applications.

It is only valid when used in conjunction with a technical specification from the original organization of these standards, according to the intermediate procedure as described in EN 4258 Annex C, pending full introduction of the new organization as specified in EN 4258.

## 1 Scope

This European Standard defines the general requirements for semi-finished product qualification of EN metallic materials (excluding forgings and castings).

Specific requirements are given in the material standards and/or relevant technical specification.

## 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 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 9100, *Aerospace series — Quality Management Systems — Requirements for Aviation, Space and Defense Organizations*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

EN ISO 9001, *Quality management systems — Requirements (ISO 9001)*

## 3 Terms and definitions

For the purpose of this document the following definitions apply:

### 3.1

#### **semi-finished product**

see EN 4258

Note 1 to entry: Called product in the rest of this standard.

### 3.2

#### **established manufacturer**

manufacturer who is well established in terms of his manufacturing facilities and has manufactured products for the aerospace industry for a number of years to recognized national or company aerospace specifications, and has obtained significant statistical data for those products

These manufacturers shall already hold some form of approval conforming to EN ISO 9001 or to other national or company aerospace quality systems.

### 3.3

#### **established product**

product manufactured to an existing national or company aerospace specification, which is accepted as an alternative to the EN material standard, and for which significant national data is available

### 3.4

#### **new manufacturer**

manufacturer who has not previously manufactured products for the aerospace industry

### 3.5

#### **new product**

product which has not previously been manufactured, by an established or new manufacturer to a national or company aerospace specification