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NSAI Standards

Irish Standard
I.S. EN 4500-001:2012

# Aerospace series - Metallic materials - Rules for drafting and presentation of material standards - Part 001: General rules

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# I.S. EN 4500-001:2012

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I.S. EN 4500-001:2012

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN 4500-001

October 2012

ICS 49.025.05; 49.025.15

English Version

# Aerospace series - Metallic materials - Rules for drafting and presentation of material standards - Part 001: General rules

Série aérospatiale - Matériaux métalliques - Règles pour la rédaction et la présentation des normes de matériaux - Partie 001: Règles générales

Luft- und Raumfahrt - Metallische Werkstoffe - Regeln für das Erstellen und die Gestaltung von Werkstoffnormen - Teil 001: Allgemeine Regeln

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# Foreword

This document (EN 4500-001:2012) 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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

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# Introduction

This standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

## 1 Scope

This European Standard specifies the general rules for the drafting and presentation of metallic material standards for aerospace applications.

It is supported by additional rules specific to:

| | |
|---|---|
| — Aluminium, aluminium alloys and magnesium alloys | EN 4500-2; |
| — Heat resisting alloys | EN 4500-003; |
| — Titanium and titanium alloys | EN 4500-004; |
| — Steels | EN 4500-005; |
| — Filler metals for welding | EN 4500-2 to EN 4500-005; |
| — Filler metals for brazing | EN 4500-6. |

## 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 2002-001, *Aerospace series — Metallic materials — Test methods — Part 001: Tensile testing at ambient temperature*

EN 2032-1, *Aerospace series — Metallic materials — Part 1: Conventional designation*

EN 2032-2, *Aerospace series — Metallic materials — Part 2: Coding of metallurgical condition in delivery condition*

EN 2043, *Aerospace series — Metallic materials — General requirements for semi-finished product qualification (excluding forgings and castings)* [1)]

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

EN 4259, *Aerospace series — Metallic materials — Definition of general terms* [1)]

1) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).

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