



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

I.S. EN 4500-001:2012

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

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

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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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

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. 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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