

Material aeroespacial. Serie EN 16600. Descripción, implementación y requisitos generales. (Ratificada por la Asociación Española de Normalización en marzo de 2019.)

UNE-EN 16601-00:2019

Material aeroespacial. Serie EN 16600. Descripción, implementación y requisitos generales. (Ratificada por la Asociación Española de Normalización en marzo de 2019.)

Space system - EN 16600 series - Description, implementation and general requirements (Endorsed by Asociación Española de Normalización in March of 2019.)

Système spatial - Série EN 16600 - Description, mise en oeuvre et exigences générales (Entérinée par l'Asociación Española de Normalización en mars 2019.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/ CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN 16601-00:2019 (Fecha de disponibilidad 2019-01-16)

Este documento está disponible en los idiomas oficiales de CEN/ CENELEC/ ETSI.

Este anuncio causará efecto a partir del primer día del mes siguiente al de su publicación en la revista UNE.

La correspondiente versión oficial de este documento se encuentra disponible en la Asociación Española de Normalización (Génova 6 28004 MADRID, www.une.org).

Las observaciones a este documento han de dirigirse a:

Asociación Española de Normalización

Génova, 6
28004 MADRID-España
Tel.: 915 294 900
info@une.org
www.une.org

© UNE 2019

Prohibida la reproducción sin el consentimiento de UNE.

Todos los derechos de propiedad intelectual reservados.

This is a preview. [Click here to purchase the full publication.](#)

EUROPEAN STANDARD

EN 16601-00

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2019

ICS 49.140

English version

**Space system - EN 16600 series - Description,
implementation and general requirements**Système spatial - Série EN 16600 - Description, mise en
oeuvre et exigences généralesRaumfahrttechnik - EN 16600 Serie - Beschreibung,
Implementierung und allgemeine Anforderungen

This European Standard was approved by CEN on 28 September 2018.

CEN and CENELEC 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 and CENELEC 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 and CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN and CENELEC members are the national standards bodies and national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



**CEN-CENELEC Management Centre:
Rue de la Science 23, B-1040 Brussels**

Table of contents

European Foreword	4
1 Scope	5
2 Normative references	6
3 Terms, definitions and abbreviated terms	7
3.1 Terms from other standards.....	7
3.2 Abbreviated terms.....	7
4 Objectives and policy	8
5 European Space Standards System description	9
5.1 Overview	9
5.2 Space standards.....	9
5.3 Structure and architecture of ECSS Standards System	10
5.3.1 Overview.....	10
5.3.2 Space system and Space project management (EN 16601-branch)	11
5.3.3 Space engineering (16603-branch)	12
5.3.4 Space product assurance (16602-branch)	14
5.3.5 Space sustainability (U-branch).....	17
6 Introduction into space programmes	18
6.1 The customer-supplier model	18
6.2 Business agreements	18
6.3 Applicability.....	19
7 Application of European Space Standards Standards	21
7.1 Introduction.....	21
7.2 Preparatory activities	21
7.2.1 Identification of project characteristics - Step 1	21
7.2.2 Analysis of project characteristics and identification of risks - Step 2	22
7.3 Tailoring activities	23
7.3.1 Selection of applicable European Space Standards - Step 3.....	23
7.3.2 Selection of requirements from applicable standards - Step 4.....	23

7.3.3	Completion of requirements - Step 5.....	24
7.3.4	Harmonization of requirements - Step 6.....	24
7.3.5	Documenting of requirements applicability - Step 7.....	24
8	User feedback.....	26
9	Requirements.....	27
9.1	Applicability.....	27
9.2	Requirements on customers.....	27
9.3	Requirements on suppliers.....	28
Annex A (informative) Example of template for an EARM for the requirements of the present document.....		29
Bibliography.....		31

Figures

Figure 5-1:	Disciplines of the ECSS Standards system.....	10
Figure 6-1:	Customer–supplier network concept.....	20
Figure 7-1:	7–step tailoring process.....	25

Tables

Table 5-1:	Disciplines in the space system and space management branch.....	11
Table 5-2:	Disciplines in the engineering branch.....	13
Table 5-3:	Disciplines in the space product assurance branch.....	15
Table 5-4:	Disciplines in the space sustainability branch.....	17