



NSAI
Standards

Irish Standard
I.S. EN 16602-10:2017

Space product assurance - Product assurance management

I.S. EN 16602-10:2017

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National Foreword

I.S. EN 16602-10:2017 is the adopted Irish version of the European Document EN 16602-10:2017, Space product assurance - Product assurance management

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EUROPEAN STANDARD

EN 16602-10

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 49.140

Supersedes EN 13291-1:1999

English version

Space product assurance - Product assurance management

Assurance produit des projets spatiaux - Gestion de
l'assurance produit

Raumfahrtproduktsicherung - Management der
Produktsicherung

This European Standard was approved by CEN on 22 December 2016.

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.



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European foreword

This document (EN 16602-10:2017) has been prepared by Technical Committee CEN-CENELEC/TC 5 "Space", the secretariat of which is held by DIN.

This standard (EN 16602-10:2017) originates from ECSS-Q-ST-10C Rev.1.

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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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.

This document supersedes EN 13291-1:1999 Space products assurance - General requirements - Part 1: Policy and principles.

The main changes with respect to EN 13291-1:1999 are listed below:

- new EN number and modified title,
- material common to the three ECSS branches (Space engineering, Space project management and Space product assurance moved to EN 16601-00 (EN version of ECSS-S-ST-00), material specific to product assurance to this standard,
- reorganization of the content of the document to separate descriptive text and requirements, including clarification, modification of requirements and implementation of change requests,
- pre-tailoring matrix (Clause 6) added,
- addition of new DRDs.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document has been developed to cover specifically space systems and has therefore precedence over any EN covering the same scope but with a wider domain of applicability (e.g. : aerospace).

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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 the United Kingdom.

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Scope

The ECSS standards of the Q branch describe a set of requirements for a Product Assurance programme to be implemented throughout the phases of a space project.

This document defines the Product assurance management requirements for space projects.

This document is structured in two main parts, the first part presenting the principles of Product Assurance management and the second providing the detailed requirements.

In addition, the expected content of the Product Assurance plan is specified in Annex A. Information on the expected delivery of ECSS PA management discipline documents per review is provided in Annex D.

This Standard is applicable to all space projects.

This standard may be tailored for the specific characteristic and constraints of a space project in conformance with ECSS-S-ST-00.

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