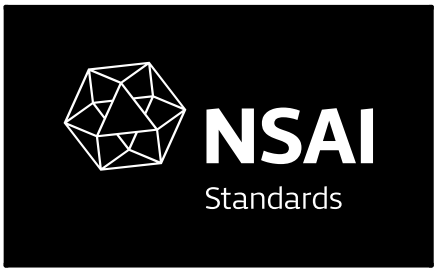

Irish Standard
I.S. EN 16602-20-07:2016

Space product assurance - Quality and safety assurance for space test centres

I.S. EN 16602-20-07:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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National Foreword

I.S. EN 16602-20-07:2016 is the adopted Irish version of the European Document EN 16602-20-07:2016, Space product assurance - Quality and safety assurance for space test centres

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 16602-20-07

August 2016

ICS 49.140

Supersedes EN 14736:2004

English version

Space product assurance - Quality and safety assurance for space test centres

Assurance produit des projets spatiaux - Assurance de la qualité et de la sécurité pour les centres de test

Raumfahrtproduktsicherung - Sicherstellung von Qualität und Sicherheit in Raumfahrttestzentren

This European Standard was approved by CEN on 22 May 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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European Foreword

This document (EN 16602-20-07:2016) has been prepared by Technical Committee CEN-CENELEC/TC 5 “Space”, the secretariat of which is held by DIN.

This standard (EN 16602-20-07:2016) originates from ECSS-Q-ST-20-07C.

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 February 2017, and conflicting national standards shall be withdrawn at the latest by February 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 14736:2004.

The main changes with respect to EN 14736:2004 are listed below:

- new EN number and modified title,
- Reorganization of the content of the document to separate descriptive text and requirements, including clarification, modification of requirements and implementation of change requests,
- Transformation of the informative Annex C "Questionnaire on the use of hazardous items and operations" of the previous version into a Normative DRD in Annex A,
- Removal of all references to ISO 9001 paragraphs, replaced by requirement 5.1a, which makes applicable the complete EN 9100 standard,
- Increased focus on configuration control, traceability of the measurement chain, and dependability and safety of test facilitiestechnical revision of content,

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This standard was developed to ensure that space test centres working for European space projects operate a quality and safety assurance system in line with ECSS requirements, internationally recognised standards and best working practices.

This standard makes applicable the requirements of EN 9100:2009 and provides additional requirements specific to space test centres. The quality management system of the space test centre, or that of the organization of which it is part, is to be in conformance with these requirements.

This standard also incorporates requirements from ISO/IEC 17025:2005 that are considered applicable for space test centres working for space projects.

This standard does not make compulsory Certification of the space test centre against the requirements of the aforementioned standards by a recognised certification authority.

This standard was originally prepared with focus on organisations capable of providing test services for space and launch segment elements and subsystems.

1
Scope

This standard specifies quality assurance and safety assurance requirements for space test centres, applicable to the test process, test personnel (both, of the customer and the space test centre), test facilities, test environment and any operations related to the test specimen under responsibility of the space test centre as requested by the customer.

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