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Aerospace series - Programme management -
Expression of need - Guidance on and format for (Need)
Technical Specification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
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EUROPEAN STANDARD

EN 9208

NORME EUROPÉENNE

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English Version

Aerospace series - Programme management - Expression of need - Guidance on and format for (Need) Technical Specification

Série aérospatiale - Management de programme - Expression du besoin - Guide pour l'élaboration de la spécification technique de besoin

Luft- und Raumfahrt - Programm-Management - Bedarfsbekundung - Anleitung und Format für die (Bedarfs-)Technische Lieferbedingung

This European Standard was approved by CEN on 23 August 2021.

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European foreword

This document (EN 9208:2021) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

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of an identical text or by endorsement, at the latest by April 2022, and conflicting national standards shall be withdrawn at the latest by April 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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1 Scope

This document belongs to the documents going along with the EN 9200 relating to Project Management Specification.

The aims of this document are as follows:

- to specify/remind the concept of (Need) Technical Specification (N)TS;
- to define the principles and conditions for drawing up, approving, using and updating a (N)TS;
- to propose a template of (N)TS.

The template identifies topics and types of related requirements to be covered in a (N)TS without being completely exhaustive or mandatory. It is analysed like a check-list and tailored according to the type of the product of interest, the context of the bodies involved and the contractual details.

The principle of drawing up a (N)TS applies to both tangible and intangible products (e.g. services).

The customer/supplier relationship addressed by these principles may also apply within a single organization. The concepts of customer and supplier are discussed in this document without distinction between internal or external relationship.

This document implements and adapts to the context the EN 16271 standard, in order to meet the specific needs of the aeronautical field and more generally the needs of other fields.

This document is more explicit about certain aspects of the ISO/IEC/IEEE 29148 document dedicated to requirements engineering, such as the responsibility for drawing up a (N)TS on a contractual basis and also the process of drawing it up within a programme (stages and milestones). It also supplements the technical specification framework proposed by ISO/IEC/IEEE 29148, in particular with requirements relating to safety of operation and result assurance.

The relationships existing between Functional Performance Specification (FPS) and (N)TS for expression of needs are given in Annex A.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 9200, *Aerospace series - Programme management - Guidelines for project management specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 9200 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

environmental agent

one of the physical, chemical, biological, etc. phenomena that may have direct or indirect, immediate or delayed, effect on living beings, human activities and systems or their operation

[SOURCE: NF X 50-144-1]