



SLOVENSKI STANDARD SIST EN 9117:2018

01-januar-2018

Aeronavtika - Delegirano preverjanje puščanja izdelka v uporabo

Aerospace series - Delegated Product Release Verification

Luft- und Raumfahrt - Übertragung der Produktfreigabeprüfung

Série aérospatiale - Délégation de l'inspection du produit avant livraison

Ta slovenski standard je istoveten z: EN 9117:2017

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ICS:

49.020	Letala in vesoljska vozila na splošno	Aircraft and space vehicles in general
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 9117

October 2017

ICS 49.020

English Version

Aerospace series - Delegated Product Release Verification

Série aérospatiale - Délégation de l'inspection du
produit avant livraison

Luft- und Raumfahrt - Übertragene
Produktfreigabeprüfung

This European Standard was approved by CEN on 16 July 2017.

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

CEN members are the national standards bodies 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 COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 9117:2017) 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 2018, and conflicting national standards shall be withdrawn at the latest by April 2018.

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.

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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EN 9117:2017 (E)**Rationale**

The process for Delegated Product Release Verification (DPRV) varies from one organization to another. Implementation of a standard process reduces the risk of escapes in the aviation, space, and defence industry supply chain, when the organization's product release verification has been delegated to a supplier.

Foreword

To assure customer satisfaction, the aviation, space, and defence industry organizations must produce and continually improve safe, reliable products that meet or exceed customer and regulatory authority requirements. The globalization of the industry, and the resulting diversity of regional / national requirements and expectations, has complicated this objective. End-product organizations face the challenge of assuring the quality of, and integrating, product purchased from suppliers throughout the world and at all levels within the supply chain. Furthermore, suppliers and processors, within the industry, face the challenge of delivering product to multiple customers having varying quality expectations and requirements.

The aviation, space, and defence industry established the International Aerospace Quality Group (IAQG) for the purpose of achieving significant improvements in quality and safety, and reductions in cost, throughout the value stream. This organization includes representation from companies in the Americas, Asia / Pacific, and Europe. This document defines the minimum requirements for delegation of product release to a supplier within the aviation, space, and defence industry. The establishment of common requirements should result in improved quality, safety, and reduced costs by minimizing customer specific requirements and the resultant variation inherent in these multiple expectations. While primarily developed for the aviation, space, and defence industry, this standard can also be used in other industry sectors where a DPRV process may be of benefit.

EN 9117:2017 (E)

3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

3.1 Delegate Product Release Verification (DPRV)
process whereby a supplier is delegated the authority to act on behalf of the delegating organization to verify and release products / services

3.2 final inspection
verification of product features and documentation to validate that the completed product conforms to all customer requirements

3.3 organization
group of people and facilities with an arrangement of responsibilities, authorities, and relationships

[SOURCE: ISO 9000:2000, 3.1.1]

3.4 supplier
organization or person that provides a product or service

[SOURCE: ISO 9000:2015, 3.2.5, modified]

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4 Requirements

4.1 System requirements for delegating organization

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4.1.1 The delegating organization shall have a documented process defining their delegation requirements, including the organization's responsibilities and authority for selection, qualification, maintenance, removal, suspension, and limitation of the delegation.

4.1.2 DPRV supplier selection criteria shall include the following:

- a) The supplier shall be approved on the delegating organization's supplier register.
- b) The delegating organization shall provide documented authorization of the supplier's participation in their DPRV program.
- c) During selection of suppliers for DPRV, the delegating organization shall review the supplier's quality performance. Supplier performance criteria shall be defined and documented by the delegating organization. The data reviewed shall include a measure of product / process conformance and responsiveness to corrective action requests.
- d) The delegating organization shall verify that the supplier is knowledgeable of its requirements and expectations associated to product quality.

- 4.1.3** The delegating organization shall define and document the scope and limitations of the delegation. Documentation stating the scope and limitations of delegation shall be provided to and acknowledged by the supplier.
- 4.1.4** The delegating organization shall define change notification requirements to the supplier. These requirements shall include the type of changes requiring notification and process for communicating these changes.
- 4.1.5** The delegating organization's maintenance process for DPRV shall, at a minimum, include the following:
- a) A periodic review of the supplier's quality performance.
 - b) A periodic inspection and/or validation of product.
 - c) A periodic review of the supplier's DPRV process.
 - d) Actions to address poor supplier performance.
 - e) Criteria to remove, suspend, and limit the delegation to the supplier and/or DPRV personnel.

4.2 Supplier responsibilities

- 4.2.1** The supplier shall maintain their QMS approval.
- 4.2.2** The supplier's QMS shall have a documented process detailing the requirements for the DPRV, including the establishment of process controls and monitoring for process effectiveness.
- 4.2.3** The supplier shall keep a list of authorized DPRV personnel, including the associated scope of approval.
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- 4.2.4** The supplier is responsible for assuring that the authorized DPRV personnel have prerequisites, including but not limited to those listed below, sufficient to be able to perform their duties.
- a) Access to product-related documentation.
 - b) Access to necessary facilities and equipment to be able to perform DPRV activities.
 - c) Sufficient time allotted to adequately perform the associated product verification activities.
 - d) The authority to suspend the release of products, until all open issues associated with the product being released are addressed.
 - e) Documented and demonstrable proficiency and training, including appropriate product knowledge.