

SLOVENSKI STANDARD kSIST FprEN 16602-70-22:2014

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Zagotavljanje varnih proizvodov v vesoljski tehniki - Nadzor materialov z omejeno življenjsko dobo skladiščenja

Space product assurance - Control of limited shelf-life materials

Raumfahrtproduktsicherung - Kontrolle von Materialien mit begrenzter Lagerfähigkeit

Assurance produit des projets spatiaux - Contrôle des équipements à durée de vie limitée sur étagère

Ta slovenski standard je istoveten z: FprEN 16602-70-22

ICS:

49.025.01	Materiali za letalsko in vesoljsko gradnjo na splošno	Materials for aerospace construction in general
49.140	Vesoljski sistemi in operacije	Space systems and operations

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English version

Space product assurance - Control of limited shelf-life materials

Assurance produit des projets spatiaux - Contrôle des équipements à durée de vie limitée sur étagère

Raumfahrtproduktsicherung - Kontrolle von Materialien mit begrenzter Lagerfähigkeit

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Foreword

This document (FprEN 16602-70-22:2013) has been prepared by Technical Committee CEN/CLC/TC 5 "Space", the secretariat of which is held by DIN (Germany).

This document (FprEN 16602-70-22:2013) originates from ECSS-Q-ST-70-22C.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 14089:2002.

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

1 Scope

Several classes of materials depend on a chemical reaction for their application and their final properties are sensitive to the exact composition of the reactants. The final properties vary with the reactants' age and storage condition.

This Standard defines the requirements for the identification, handling, storage and control of limited shelf-life materials employed in the fabrication of spacecraft and associated equipment.

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

Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this ECSS Standard. For dated references, subsequent amendments to, or revision of any of these publications do not apply, However, parties to agreements based on this ECSS Standard are encouraged to investigate the possibility of applying the more recent editions of the normative documents indicated below. For undated references, the latest edition of the publication referred to applies.

EN reference	Reference in text	Title
EN 16601-00-01	ECSS-S-ST-00-01	ECSS system – Glossary of terms
EN 16602-10-09	ECSS-Q-ST-10-09	Space product assurance – Nonconformance control system
EN 16602-40	ECSS-Q-ST-40	Space product assurance - Safety
EN 16602-70	ECSS-Q-ST-70	Space product assurance - Materials, mechanical parts and processes

Terms, definitions and abbreviated terms

3.1 Terms defined in other standards

For the purpose of this Standard, the terms and definitions from ECSS-S-ST-00-01 and ECSS-Q-ST-70 apply.

3.2 Terms specific to the present standard

3.2.1 batch

quantity produced at one operation

NOTE One batch can be subdivided into several lots.

3.2.2 shelf-life

period of time during which a material can be processed to produce final properties with consistently stable parameters

3.3 Abbreviated terms

For the purpose of this Standard, the abbreviated terms from ECSS-S-ST-00-01 and the following apply:

Abbreviation Meaning

RH relative humidity