



SLOVENSKI STANDARD
kSIST FprEN 16602-70-37:2014
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Zagotavljanje varnih proizvodov v vesoljski tehniki - Ugotavljanje občutljivosti kovin za stresne korozijske razpoke

Space product assurance - Determination of the susceptibility of metals to stress-corrosion cracking

Raumfahrtproduktsicherung - Bestimmung der Anfälligkeit von Metallen für Spannungsrisskorrosion

Assurance produit des projets spatiaux - Détermination de la susceptibilité des métaux à la fissuration par corrosion sous contrainte

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Space product assurance - Determination of the susceptibility of metals to stress-corrosion cracking

Assurance produit des projets spatiaux - Détermination de la susceptibilité des métaux à la fissuration par corrosion sous contrainte

Raumfahrtproduktsicherung - Bestimmung der Anfälligkeit von Metallen für Spannungsrissskorrosion

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/CLC/TC 5.

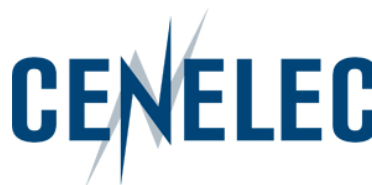
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Foreword

This document (FprEN 16602-70-37:2014) has been prepared by Technical Committee CEN/CLC/TC 5 "Space", the secretariat of which is held by DIN (Germany).

This document (FprEN 16602-70-37:2014) originates from ECSS-Q-ST-70-45C.

This document is currently submitted to the Unique Acceptance Procedure.

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

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Scope

This Standard specifies requirements for mechanical testing of metallic materials to be used in the fabrication of spacecraft hardware.

This Standard establishes the requirements for most relevant test methods carried out to assess the tensile, fatigue and fracture properties of metallic materials. It does not give a complete review of all the existing test methods for the evaluation of mechanical properties of metallic materials.

Furthermore, this Standard specifies requirements for the evaluation, presentation and reporting of test results.

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