

ICS 49.020
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 32305-2015

Requirements for space product assurance

航天产品保证

(English Translation)

Issued on: December 31, 2015

Implemented on: July 1, 2016

Issued by: Standardization Administration of China

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with ISO 14300-2:2011 "Space Systems Project Management - Part 2. Product Assurance" (English Version).

This standard made the following editorial changes.

- a) "this part" be replaced by "this standard";
- b) Delete ISO 14300-2:2011 Foreword;
- c) The ISO 14300-2:2011 Introduction to Introduction;
- d) Since the English version does not involve post-translational 3.2 Abbreviations PA, the entry will be deleted.

The standard proposed by China Aerospace Science and Technology Corporation.

This standard by the National Aerospace Technology and Application of Standardization Technical Committee (SAC/TC425) centralized.

This standard drafting unit. China Academy of Aerospace Standardization and product assurance.

Introduction

This standard is used in aerospace applications to carry out the project and product assurance.

This standard specifies the product to ensure that needed to be done, rather than how to organize and accomplish these tasks. This allows the application in force Organizational structure and methods and, if necessary, the organizational structure and methods of

adjustment and improvement.

The reference to the standard structure of ISO 9000 series of standards, and the content of ISO 14300-1.

Space product assurance

1 Scope

This standard specifies the aerospace project product assurance policy, objectives and principles, and the establishment and implementation of product assurance requirements, the contents of which involved Aerospace products and task definition, design, development, production, use and disposal phases.

Product Assurance Professional include. product assurance management space program hardware and software products, quality assurance, safety assurance, credibility (reliability, Availability, maintainability) assurance, as well as electrical, electronic and electromechanical components, machinery parts, materials and workmanship guarantee.

This standard specifies the product to ensure that the professional goals, guidelines and principles to ensure that in the whole life cycle of the product, the full realization of the provisions of Product assurance objectives.

This standard applies to aerospace products.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 19000-2008 Quality Management System - Fundamentals and vocabulary (ISO 9000:2005, IDT) ISO 14300-1 Space Systems Project Management Part 1. Project Structure (Spacesystems-Programmemanagement-Part 1. Structuringofaproject) ISO 14620-1 Space systems - Safety requirements - Part 1. System Security (Spacesystems-Safetyrequire-ments-Part 1. Systemsafety) ISO 14621-1 Space systems - electrical, electronic and electromechanical (EEE) components - Part 1. Component Management (Space systems-Electrical, electronicandelectromechanical (EEE) parts-Part 1. Partsmanagement) ISO 14621-2 Space systems - electrical, electronic and electromechanical (EEE) components - Part 2. Control program requirements (Spacesys-tems-Electrical, electronicandelectromechanical (EEE) parts-Part 2. Controlprogrammerequire-ments) ISO 17666 Space systems - Risk management (Spacesystems-Riskmanagement)

3.1 Terms and Definitions

GB/T 19000-2008 define the following terms and definitions apply to this document.

3.1.1

Product Assurance on research, planning and implementation of a series of activities to ensure that the design of the project, control methods and techniques to make a satisfactory product quality water A professional level.

3.2 Acronyms

The following abbreviations apply to this document.

EEE --- electrical, electronic and electromechanical (electrical, electronic, electromechanical)