

*For Comments Only*

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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*भारतीय मानक मसौदा*

**अंतरिक्ष पद्धतियाँ — वाणिज्यिक उपग्रहों के लिए उत्पाद  
आश्वासन की अपेक्षाएं**

*Draft Indian Standard*

**SPACE SYSTEMS — PRODUCT ASSURANCE REQUIREMENTS FOR  
COMMERCIAL SATELLITES**

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**Air and Space Vehicles Sectional Committee, TED 14**

**Last date for receipt of comments is  
XX/XX/XXXX**

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NEW DELHI 110002

Air and Space Vehicles Sectional Committee, TED 14

**NATIONAL FOREWORD**

*(Formal Clause to be added later)*

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 10007 Quality management — Guidelines for configuration management	IS/ISO 10007 : 2017 Quality management — Guidelines for configuration management ( <i>second revision</i> )	Identical under dual numbering
ISO 10794 Space systems — Programme management, materials, mechanical parts and processes	Doc (22329) / ISO 10794 : 2018 Space Systems Programme Management Material Mechanical Parts And Processes ( <i>under development</i> )	Identical under dual numbering
ISO 10795 Space systems — Programme management and quality — Vocabulary	Doc (22356) / ISO 10795 : 2019 Space systems — Programme management and quality — Vocabulary ( <i>under development</i> )	Identical under dual numbering
ISO 14620-1 : 2002 Space systems — Safety requirements — Part 1 System safety	Doc (22331) / ISO 14620-1 : 2018 Space Systems Safety Requirements Part 1 System Safety	Identical under dual numbering
ISO 14621-1 Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 1 Parts management	Doc (22332) / ISO 14621-1 : 2019 Space Systems Electrical Electronic and Electromechanical EEE Parts — Part 1 Parts Management	Identical under dual numbering
ISO 14621-2 Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 2 Control programme requirements	Doc (22333) / ISO 14621-2 : 2019 Space Systems Electrical Electronic And Electromechanical EEE Parts Part 2 Control Programme Requirements	Identical under dual numbering
ISO 15388 Space systems — Contamination and cleanliness control	Doc (22936) / ISO 15388 : 2022 Space systems — Contamination and cleanliness control	Identical under dual numbering
ISO 27025 Space systems — Programme management — Quality assurance requirements	Doc (22342) / ISO 27025 : 2010 Space Systems — Programme Management Quality — Assurance Requirements	Identical under dual numbering

The technical committee has reviewed the provisions of following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>

ISO 14644-1	Cleanrooms and associated controlled environments — Part 1 Classification of air cleanliness by particle concentration
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Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

### **SCOPE**

This document provides the recommended practices of product assurance (PA) requirements applicable to commercial satellite.

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 20188 : 2018 or CONTACT:**

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