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भारतीय मानक प्रारूप

अंतरिक्ष प्रणाली - कार्यक्रम प्रबंधन - भाग 1: एक परियोजना की संरचना

Draft Indian Standard

**SPACE SYSTEMS — PROGRAMME MANAGEMENT — PART 1: STRUCTURING OF
A PROJECT**

ICS: 49.140

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Last date for receipt of comments
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Air and Space Vehicles Sectional Committee, TED 14

NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 14300-1: 2011 ‘Space systems — Programme management — Part 1: structuring of a project’ issued by International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendations of Air and Space Vehicles Sectional Committee and approval of the Transport Engineering Division Council.

ISO 14300-1 was prepared by Technical Committee ISO/TC 20, Aircraft and space vehicles, Subcommittee SC 9, Air cargo and ground equipment. This standard is published in two parts. The second part of the series is 14300-2:2011 ‘Space systems — Programme management — Part 2: Product Assurance’ and is under preparation. (Doc. TED 14(22330) W).

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 9000: 2005 Quality management systems — Fundamentals and vocabulary	IS/ISO 9000 : 2015 Quality management systems - Fundamentals and vocabulary (Fourth Revision)	Identical under single numbering
ISO 10007 Quality management systems — Guidelines for	IS/ISO 10007: 2017 Quality management - Guidelines for configuration management (Second	Identical under single numbering

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
configuration management	Revision)	
ISO 11893 Space systems — Programme management — Project organization	IS/ISO 11893 : 2011 Space Systems “ Programme Management “ Project Organization	Identical under single numbering

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

<i>International Standard/ Other Publication</i>	<i>Title</i>
ISO 10795	Space systems — Programme management — Vocabulary
ISO 14300-2	Space systems — Programme management — Part 2: Product assurance
ISO 16192	Space systems — Experience gained in space projects (Lessons learned) — Principles and guidelines
ISO 17666	Space systems — Risk management
ISO 21349	Space systems — Project reviews
ISO 21351	Space systems — Functional and technical specifications
ISO 23460	Space projects — Programme management — Dependability assurance requirements
ISO 27026	Space systems — Programme management — Breakdown of project management structures

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.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*Second revision*)’.

SCOPE

This part of ISO 14300 addresses the space programme/project management requirements, applicable through a top-down approach in a contractual relationship between customers and suppliers.

NOTE The term programme is understood to be a group of several projects. Both “programme” and “project” may be used in the same context throughout this part of ISO 14300.

The applicable requirements for product assurance are given in ISO 14300-2. Annex A of this part of ISO 14300 gives the general ISO standards framework for space systems programme management.

This part of ISO 14300 is intended to be used as a basis when establishing and negotiating customer project management requirements, and guiding the supplier's responses.

It allows:

- A clear definition of the roles, responsibilities and authorities of the different customers and suppliers;
- Charence between their activities;
- Communication capability between them;
- Stable and rigorous project organization; and
- As far as possible, standardization of the rules applicable to various programmes/projects.

It still allows for supplier flexibility in its implementation and tailoring.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFFR ISO 14300-1: 2011 or CONTACT:

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