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भारतीय मानक मसौदा

अंतरिक्ष पद्धतियां - मानव रहित अंतरिक्ष यान संचालन क्षमता

Draft Indian Standard

Space Systems — Unmanned Spacecraft Operability

ICS: 49.140

Air and Space Vehicles Sectional Committee, TED 14 Last date for receipt of comments is
28/08/2024

NATIONAL FOREWORD

(Identical Clause to be added later)

The text of ISO standard has been proposed as suitable 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:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- 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 Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its respective place, is listed below along with its degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 14620-1 : 2002 Space systems — Safety requirements — System safety	Doc (22331)/ ISO 14620-1 : 2002 Space systems — Safety requirements — Part 1 System safety (<i>under development</i>)	Identical under dual numbering

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.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

SCOPE

This International Standard defines the essential properties pertaining to the operation of unmanned spacecraft and defines requirements and guidelines for spacecraft on-board functions in order to enable a specified ground segment to operate the spacecraft in any nominal or predefined contingency situation.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 14950: 2004 or CONTACT:

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