*भारतीय मानक*

**अंतरिक्ष पद्धतियाँ — प्रक्षेपण यानों के लिए सामान्य परीक्षण अपेक्षाएं**

*Indian Standard*

**Space Systems — General Test Requirements for Launch Vehicles**

ICS: 49.140

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Air and Space Vehicles Sectional Committee, TED 14

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 24917 : 2020 ‘Space Systems — General Test Requirements for Launch Vehicles’ issued by International Organization for Standardization (ISO), was 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.

The text of ISO standard has been approved 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:

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
2. 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:

| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| --- | --- | --- |
| ISO 14302  Space systems — Electromagnetic compatibility requirements | Doc (22924) / ISO 14302 : 2022  Space systems — Electromagnetic compatibility requirements (*under development*) | Identical under dual numbering |
| ISO 14303  Space systems — Launch-vehicle-to-spacecraft interface | Doc (22925) / ISO 14303 : 2002  Space systems — Launch-vehicle-to-spacecraft interfaces (*under development*) | 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.