***भारतीय मानक***

***Indian Standard***

**TED 14 (22934) F**

**IS XXXX: XXXX/ 14952-6: 2003**

**अंतरिक्ष प्रणालियाँ — द्रव तंत्र की सतह की सफाई**

**भाग 6 परिशुद्ध-सफाई प्रक्रियाएँ**

**Space Systems — Surface Cleanliness of Fluid Systems**

**Part 6 Precision-Cleaning Processes**

ICS: 49.080

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BUREAU OF INDIAN STANDARDS

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**November 2024 Price Group**

Air and Space Vehicles Sectional Committee, TED 14

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 14952-6 : 2003 ‘Space Systems — Surface Cleanliness of Fluid Systems Part 6 Precision-Cleaning Processes’ 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.

This standard is one of a series of Standards on the Space systems — Surface cleanliness of fluid systems. Other standard in this series are:

|  |  |
| --- | --- |
| ISO 14952-1 : 2003 | Space systems — Surface cleanliness of fluid systems — Part 1 Vocabulary (*under development*) |
| ISO 14952-2 : 2003 | Space systems — Surface cleanliness of fluid systems — Part 2 Cleanliness levels (*under development*) |
| ISO 14952-3 : 2003 | Space Systems — Surface Cleanliness of Fluid Systems — Part 3 :Analytical Procedures for the Determination of Non Volatile Residues and Particulate Contamination (*under development*) |
| ISO 14952-4 : 2003 | Space systems — Surface cleanliness of fluid systems — Part 4 Rough-cleaning processes (*under development*) |
| ISO 14952-5 : 2003 | Space systems — Surface cleanliness of fluid systems — Part 6 Drying processes (*under development*) |

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 Standard, which are to be substituted in their respective place, are listed below along with their degree of equivalence for the editions indicated:

| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| --- | --- | --- |
| ISO 14952-1 : 2003  Space systems — Surface cleanliness of fluid systems — Part 1 Vocabulary | Doc (22927)/ ISO 14952-1 : 2003  Space systems — Surface cleanliness of fluid systems — Part 1 Vocabulary (*under development*) | Identical under dual numbering |
| ISO 14952-3 : 2003  Space systems — Surface cleanliness of fluid systems — Part 3 Analytical procedures for the determination of nonvolatile residues and particulate contamination | Doc (22931)/ ISO 14952-3 : 2003  Space systems — Surface cleanliness of fluid systems — Part 3 Analytical procedures for the determination of nonvolatile residues and particulate contamination (*under development*) | Identical under dual numbering |
| ISO 14952-5 : 2003  Space systems — Surface cleanliness of fluid systems — Part 5 Drying processes | Doc (22933)/ ISO 14952-5 : 2003  Space systems — Surface cleanliness of fluid systems — Part 5 Drying processes (*under development*) | Identical under dual numbering |

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard. For undated references, the latest edition of the referenced document applies, including any corrigenda and amendment.

|  |  |
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| *International Standard* | *Title* |
| ISO 14951-3 : 1999 | Space systems — Fluids characteristics — Part 3 Nitrogen |
| ISO 14951-10 : 1999 | Space systems — Fluids characteristics — Part 10 Water |

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.