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भारतीय मानक मसौदा

अंतरिक्ष प्रणालियाँ — द्रव तंत्र की सतह की सफाई
भाग 2 स्वच्छता स्तर

Draft Indian Standard

Space Systems — Surface Cleanliness of Fluid Systems
Part 2 Cleanliness Levels

ICS: 49.080

**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)

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

<i>Doc. No.</i>	<i>Title</i>
Doc (22927)/ ISO 14952-1 : 2003	Space systems — Surface cleanliness of fluid systems — Part 1 Vocabulary (<i>under development</i>)
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 (<i>under development</i>)
Doc (22932)/ ISO 14952-4 : 2003	Space systems — Surface cleanliness of fluid systems — Part 4 Rough-cleaning processes (<i>under development</i>)
Doc (22933)/ ISO 14952-5 : 2003	Space systems — Surface cleanliness of fluid systems — Part 5 Drying processes (<i>under development</i>)
Doc (22934)/ ISO 14952-6 : 2003	Space systems — Surface cleanliness of fluid systems — Part 6 Precision-cleaning processes (<i>under development</i>)

In this adopted standard, reference appears to certain International Standards for which Indian Standard also exist. 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:

- 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.

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<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
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 (<i>under development</i>)	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 (<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 part of ISO 14952 defines the cleanliness levels used in the cleaning, analysis, and verification procedures for space fluid systems. It establishes a common nomenclature for use in describing cleanliness levels for equipment used in ground support equipment, launch vehicles and spacecraft.

This part of ISO 14952 is used to specify the cleanliness level of fluid system components and equipment used in space systems. It is applicable equally to ground support equipment, launch vehicles and spacecraft.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 14952-2: 2003 or CONTACT:

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