

केन्द्रीय मुहर विभाग-2

संदर्भ -: केमूवी-2/16: 3549

04 09 2023

विषय: संशोधित IS 3549:2023/ISO 4641:2016 के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

**आदित्य दास
वैज्ञानिक D**

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/PCD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 3549

04 09 2023

Subject: Guidelines for implementation of Revised IS 3549:2023/ISO 4641:2016

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

**(Aditya Das)
Scientist D**

Head (CMD-2)

All ROs/BOs/Labs/PCD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:3549

Date: 04-09-2023

Subject: Guidelines for implementation of revised IS 3549:2023/ISO 4641:2016 (Rubber Hoses and Hose Assemblies for Water Suction and Discharge -- Specification)

1. IS 3549:2017/ISO 4641:2010 has been revised as IS 3549:2023/ISO 4641:2016 and has been published. The last date for implementation of the revised Standard is **07th September 2023** after which the old Standard shall stand withdrawn.
2. As on date there are 02 licences for IS 3549:2017/ISO 4641:2010.
3. The significant changes in the standard through this revision, as listed in the Table are given for the purpose of general guidance. BO shall ensure that the product conforms to all the requirements, as applicable, as per the amendment.

Clause No. of IS 3549:2023/ ISO 4641:2016	Changes
2	Clause 2 has been updated, where ISO 1746 and ISO 4672 have been deleted and replaced by ISO 10619-1 and ISO 10619-2, respectively
7.1 [Bore (inside diameter)]	Tolerance dimension "in mm" has been added to 7.1
8.2.3	The test method for Resistance to bending (minimum bend radius as a function of nominal size) has been updated to ISO 10619-1
8.2.5	The test method for Low-temperature flexibility has been updated to ISO 10619-2, Method B,
Table 4	Table 4 has been modified to bring the cross-referred standards for test requirements of Resistance to bending and Low-temperature flexibility up to date

4. The existing product manual has been revised to incorporate the above changes and it is being circulated separately through BIS website, as Product manual Doc: PM/IS 3549/2, August 2023
5. The guidelines for implementation of the revised IS 3549:2023/ISO 4641:2016 is given below:
 - a) Since there are no changes in the requirements of the product through this revision and only the test method references have been updated for Resistance to bending

(minimum bend radius as a function of nominal size) and Low-temperature flexibility without any major technical changes, no evidence of conformity to the revised standard needs to be submitted by licensees.

- b) BOs shall communicate the revision to the licensees and applicants (if any received subsequent to these guidelines) and seek their confirmation for implementation of the revised standard by **7th Sept 2023**. Upon receipt of positive confirmation, changeover shall be permitted (and updated in manakonline).
- c) Verification of implementation of the revised standard shall be done during the subsequent visit.
- d) No licence shall be granted or application accepted as per the old version of the standard after **7th Sept 2023**.

(Aditya Das)
Scientist D (CMD-2)

Head (CMD-2)
DDG (Certification)

Circulated to:

- i) **All RO/BOs**
- ii) **All other concerned - through BIS intranet**