

**सेंट्रल मार्क्स डिपार्टमेंट-2**

हमारा संदर्भ: सीएमडी-2/16: 12540

15.11.2023

**विषय: संशोधित आईएस 12540:2023 के कार्यान्वयन के लिए दिशानिर्देश**

यह ऊपर वर्णित विषय के संदर्भ में है।

सक्षम प्राधिकारी ने कार्यान्वयन के लिए संलग्न दिशा-निर्देशों का अनुमोदन कर दिया है।

एफएमसीडी से अनुरोध है कि उपरोक्त दिशानिर्देशों का तत्काल प्रभाव से कार्यान्वयन सुनिश्चित करें।

**कन्नन गोविंदराज  
वैज्ञानिक डी**

**प्रमुख (सीएमडी-2)**  
**FMCD/Labs/CHD/LPPD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16: 12540

15 Nov 2023

**Subject: Guidelines for implementation of Revised IS 12540:2023**

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

FMCD is requested to ensure the implementation of the above Guidelines with immediate effect.

**Kannan Govindaraj  
Scientist D**

**Head (CMD-2)**

**FMCD/Labs/CHD/LPPD**

## CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 12540

15 Nov 2023

### **Subject: Guidelines for implementation of Revised IS 12540:2023 (Acrylonitrile-Specification)**

1. IS 12540:1988 has been revised as IS 12540:2023 and has been published. The last date for implementation of the revised Standard is **12 December 2023** after which the old Standard shall stand withdrawn.
2. IS 12540 is under mandatory certification with 7 pending Global first applications under FMCD.
3. FMCD shall inform the Applicants under their jurisdiction about implementation of the revised Standard within a week of issuance of these guidelines.
4. The significant changes in the revised Standard as listed in the Table are given for the purpose of general guidance. FMCD shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause(s)	Change
Cl. 3.2, Table-1	Following new requirements are included in the revised IS: Acetone Benzene Crotononitrile (Optional) Methylacrylonitrile Propionitrile Acrolein Method of testing for the above requirements is Annex-E of IS 12540:2023
Cl 3.2, Table 1, Sl. No. ii), xix) and xx)	Specific gravity , soluble iron content, Heavy metal ( as Cu) requirement modified
Cl. 3.2, Table-1, Sl. No. iii	Test method of Colour requirement is changed to IS 1448 (Part 178)
Cl. 3.2, Table-1, Sl. No. iv	Test method of Refractive index at 25°C is changed to IS 1448 (Part 158). Requirement for refractive index has been made optional.
Cl. 3.2, Table-1, Sl. No. iv	Test method for Water content is changed to IS 1448 (Part 175)/IS 1448 (Part 182)
Cl 3.2, Table 1, Sl. No. xix)	Test method for Soluble iron is changed to IS 1448 (Part 172)
Cl 3.2, Table 1, Sl. No. xx)	Test method for Heavy metals is changed to IS 1448 (Part 172)
-	Ammonia content had been removed from the IS
Cl 3.2.2	New Clause for quality of reagents added
Cl 5.2 c) and f)	Marking Clause modified to include <i>Month and year of Manufacture</i> , and <i>any other statutory requirement</i>

5. Consequent upon the issuance of the revised Standard, there are changes in Product Manual. The same is being circulated separately.
6. The guidelines for implementation of the revised Standard is given below:

### **APPLICATIONS FOR GRANT OF LICENCE:**

1. Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails in new test requirements, Licence will not be granted by BIS as per the old version.
2. **Applicant shall submit declaration for additional Testing equipment in Form no 2, for the additional test parameters introduced in the revised Standard IS 12540:2023, if testing of the parameters are done inhouse or submit details of arrangement for testing of the parameters from BIS recognized lab (Subcontracting of the tests), in accordance with the Scheme of Inspection and testing.**
3. Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto **11 Dec 2023** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **12 Dec 2023**
4. Beyond **12 Dec 2023**, no Licence shall be granted as per the old Standard.
5. **Firm once granted licence under old version shall implement the revised IS by 12 Dec 2023 by means of submission of In-house test report or Independent test report as per IS 12540:2023.**
6. The above guidelines come into force with immediate effect.

Kannan Govindaraj  
Scientist D

**Head (CMD-2)**  
**DDG (Certification)**  
**ROs/BOs**