

सेंट्रल मार्क्स डिपार्टमेंट-2

हमारा संदर्भ: सीएमडी-2/16:4026

02.08.2023

विषय: संशोधित आईएस 4026:2023 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।

सभी आरओ/बीओ से अनुरोध है कि उपरोक्त दिशानिर्देशों का तत्काल प्रभाव से कार्यान्वयन सुनिश्चित करें।

**कन्नन गोविंदराज
वैज्ञानिक डी**

**प्रमुख (सीएमडी-2)
सभी आरओ/बीओ/लैब /MTD/LPPD**

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:4026

02 Aug 2023

Subject: Guidelines for implementation of Revised IS 4026:2023

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.

**Kannan Govindaraj
Scientist D**

Head (CMD-2)

All ROs/BOs/Labs/MTD/LPPD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 4026

02 Aug 2023

Subject: Guidelines for implementation of Revised IS 4026:2023 (ALUMINIUM INGOTS, BILLETS AND WIRE BARS (EC GRADE))

1. IS 4026:2007 has been revised as IS 4026:2023 and has been published. The last date for implementation of the revised Standard is **18 November 2023** after which the old Standard shall stand withdrawn.
2. All Bos/FMCD shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard within a week of issuance of these guidelines.
3. The significant changes in the revised Standard as listed in the Table are given for the purpose of general guidance. BOs/FMCD shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause(s)	Change
2. References	Latest versions of the reference standards have been updated
3.1 Terminology	Definition of Scrap had been added
4. Ordering information	A new clause on ordering information has been added
5. Grades	Existing Grades have been re-designated: Grade 1 as 1971, Grade 2 as 1961, Grade 3 as 1951. One new grade 1981 (Al purity 99.8%) had been added.
8. Shapes & Sizes	The requirement of Shape and Size of T-Bars and Sow Ingots has been added
9, Chemical Composition, Table-1	Chemical Composition of new grade 1981 has been specified. Specified values of Iron, Copper, Silicon have been modified for Grade 1971, 1961 and 1951. Requirements for additional impurity elements such as Magnesium, Zinc, Boron, Gallium and requirements of other elements (each and total) have been specified for all grades in Chemical composition table.
9. Chemical composition	IS 504(Parts 1 to 16) specified for determination of Chemical composition.
11. Rejection & Retest	For rejection and retest, IS 10259 had been specified.
12. Packaging	A new clause "Packaging" had been introduced.
13. Marking	Marking clause had been amended to include the following details: i) Indication of the source of manufacture ii) Grade designation, cast or lot or heat treatment batch number and size details. iii) Quantity and iv) Date of Manufacture

BIS Certification Marking clause as per provisions of BIS Act, 2016 had been specified.

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

A. LICENSEES:

1. Switchover of Existing Licences as per IS 4026:2007 to IS 4026:2023

- a) On revision of IS 4026:2007 to IS 4026:2023, as mentioned above, existing grade designations have been re-designated and one new grade designation had been added. Further, specified requirements of Impurity elements had been modified and new impurity elements had been added.
- b) BOs shall advise licensees to submit the following evidence of conformity for switchover to IS 4026:2023:-
 - i) **In-house/Independent Test Reports as per IS 4026:2023 for all the existing grades covered in the scope of the licence.**
 - ii) **Test Equipment List as per IS 4026:2023 indicating equipment for testing additional impurity elements newly added in the IS such as Magnesium, Zinc, Boron, Gallium.**
- c) BOs shall verify the documentary evidences submitted by the licensees for their compliance as per IS 4026:2023 and shall issue endorsement with regards to switchover and revised scope of licence (with regards to re-designated grades, wherever applicable) as per IS 4026:2023.
- d) Inclusion of the new grade designation(s) shall be processed as per the existing Guidelines for Change in Scope of Licence as per CMD1 Circular ref: CMD-1/2:12:4 dated 13 May 2021.

2. All Licensees shall implement the revised Standard by **18.11.2023**. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of this guidelines. BOs shall ensure that no Licences are under operation as per old Standard after **18 Nov 2023**. The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-2 within two weeks of the last date of concurrent running.

3. BOs shall also plan an early surveillance visit, preferably within 30 days of switchover by the licensee, for verification of the implementation of the revised standard.

4. If the Licensee fails to complete all actions by **18 Nov 2023** it shall be dealt

with as per the prevailing guidelines.

B. 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. 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 **17 Nov 2023** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **18 Nov 2023**
3. Beyond **18 Nov 2023**, no Licence shall be granted as per the old Standard.

C. CHANGE IN SCOPE OF LICENCE:

1. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
2. However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of implementation of the revised Standard or up to **18 Nov 2023** whichever is earlier.
3. The above guidelines come into force with immediate effect.

Kannan Govindaraj
Scientist D

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