

**केन्द्रीय मुहर विभाग -2**

संदर्भ -: के.मू.वि. -2/16:1170

21.04.2026

**विषय: संशोधित IS 1170:2026 के अनुपालन हेतु 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।

**रंजीत कुमार  
वैज्ञानिक 'ई'**

**प्रमुख (के.मू.वि. - 2)**

**सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/MTD/LRMD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16:1170

21.04.2026

**Subject: Guidelines for implementation of Revised IS 1170:2026.**

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.

**(Ranjit Kumar)  
Scientist 'E'**

**Head (CMD-2)**

**All ROs/BOs/Labs/MTD/LRMD**

**CENTRAL MARKS DEPARTMENT-2**

**Our Ref:CMD-2/16:1170**

**Date: 21.04.2026**

**Subject: Guidelines for implementation of Revised IS 1170:2026 (Ferrochromium).**

1. IS 1170:1992 has been revised and published as IS 1170:2026. The last date for implementation of the revised Standard is 05 July 2026 after which the old Standard shall stand withdrawn.
2. All BOs 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 below are given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

<b>Clause (s) /Table (s) as per IS 1170:2026</b>	<b>Change</b>
<b>3 Terminology</b>	Clause 3 has been modified to include definition of Ferrochromium, Ferrochromium Low Carbon, Ferrochromium Medium Carbon and Ferrochromium High Carbon.
<b>4 Grades Table 1 to Table 6</b>	<p>Grades have been updated to align with current industry practices and international standards with a few modifications. The updated grades are designated as per IS 2085</p> <p>As per the revised standard, <b>37 grades</b> under different types of ferrochromium are now specified in place of earlier 14 grades. <b>These grade designations shall be completed by the figure for the required standard chromium range selected from Table 1 of IS 1170:2026.</b></p> <p>Examples: The grade designation is specified as ‘FeCr...C50’</p> <p>a) In the case of a required standard chromium range from 45.0 percent to 55.0 percent, the designation would read FeCr50C50.</p>

	<p>b) In the case of a required standard chromium range from 65.0 percent to 75.0 percent, the designation would read FeCr70C50.</p> <p>The corresponding chemical composition has also been specified, and six new tables (<b>Table 1 to Table 6</b>) have been incorporated in the revised standard.</p> <p>The earlier practice of identifying chemical grades of ferrochromium with grade nos. has been discontinued and the different chemical grades in the Table 2 to Table 6 will be identified with grade designations only.</p>
<b>7.2 Chemical Composition</b>	The reference to the Indian Standard for the test method of chemical analysis, which was earlier specified as IS 1559, has been revised and replaced with IS 13452 in the revised standard.
<b>8 Size range Table 7</b>	<p>The particle size ranges have been modified and aligned with current industrial practices. The particle size ranges and tolerances shall be as given in Table 7.</p> <p>In addition, it is also specified that if the purchaser requires particular size range/and/or tolerance other than those given in table 7, <b>the same shall be agreed upon between the manufacturer and the purchaser. However, the tolerance on such agreed size ranges shall be oversize 10 percent maximum and undersize 10 percent maximum.</b></p> <p>Reference to IS 1607 has also been specified as the test method for determining the size range.</p>
<b>12 Marking</b>	The Marking clause has been modified to incorporate the provisions for ‘Constitution of Consignment’ and ‘Consignment Number’, while deleting the requirements related to ‘Date of Manufacture’ and ‘Shelf Life, if applicable’, in addition to the existing marking information.

4. Consequent upon the issuance of the revised Standard, the existing product manual of IS 1170 has been revised which is being circulated separately.

5. The guidelines for implementation of the revised Standard is given below:

**A. LICENSEES:**

i) For switchover to revised standard IS 1170:2026, licensees shall be required to classify the grade and size designations, covered under the existing scope of licence and re-designate them as per clause 7.2 (Table 1 to Table 6) and Clause 8.1 (Table 7) of IS 1170:2026. Subsequently, licensees shall submit declaration with regards to their equivalent scope of licence as per IS 1170:2026 (Refer Scope of Licence specified in the Product Manual of IS 1170:2026).

ii) Submit In-house/Independent Test Reports of the re-designated grades under applicable groups of Ferrochromium as per IS 1170:2026.

iii) All Licensees shall implement the revised Standard by **05<sup>th</sup> July 2026**. Any difficulty in implementation shall be brought to the notice of CMD-2 immediately after issuance of these guidelines, and in any case, not later than seven days prior to the implementation date. BOs shall ensure that no Licences are under operation as per old Standard after **05<sup>th</sup> July 2026**. The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-2 within one week of the last date of concurrent running.

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

**B. APPLICATIONS FOR GRANT OF LICENCE:**

i) 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.

ii) 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 up to 04<sup>th</sup> July 2026 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 05<sup>th</sup> July 2026.

iii). Beyond 05<sup>th</sup> July 2026 no Licence shall be granted as per the old Standard.

**C. CHANGE IN SCOPE OF LICENCE:**

i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.

ii) 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 **05<sup>th</sup> July 2026** whichever is earlier.

6. The above guidelines come into force with immediate effect.

Ranjit Kumar  
Scientist-E

**Head (CMD-2)**

**DDG (Certification)**

**ROs/BOs**