

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : सीएमडी-2/16: 7904

05 07 2018

विषय : संशोधित आई एस 7904:2018 उच्च कार्बन इस्पात के तार सरिये का कार्यान्वयन ।

1. उपरोक्त विषय के संदर्भ में परिपत्र अवलोकन हेतु संलग्न है ।

(अरुण पुच्छकायला)
वैज्ञानिक सी (के.मु.वि.-2)

प्रमुख (सी एम डी-2) (हस्ता/-)

सभी क्षेत्रीय/शाखा/कार्यालयों/एमटीडी/प्रयोगशालाओं को परिचालित

आई टी एस विभाग - बीआईएस इंटरनेट पर अपलोड करने के लिए

CENTRAL MARKS DEPARTMENT -2

Ref: CMD-2/16: 7904

05 07 2018

Subject: Implementation of revised IS 7904:2018 High Carbon Steel Wire Rods

1. Please find enclosed circular regarding above subject for kind consideration.

(Arun Pucchakayala)
Scientist C (CMD-2)

Head (CMD-2) (sd/-)

Circulated to: All ROs/BOs/MTD/Labs

Copy to: ITSD for hosting on BIS Intranet

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: IS 7904

18 June 2018

Subject: Guidelines for implementation of IS 7904:2018, *High Carbon Steel Wire Rods*

1. IS 7904:1995 has been revised as IS 7904:2018 and is published. The last date for implementation of IS 7904:2018 is 18 November 2018 after which IS 7904:1995 shall stand withdrawn vide Gazette Notification S.O.2148(E) Dated: 22/05/2018.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about the revised Standard and shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.
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.

Clause	Requirement
Foreword	Optional requirement of determining grain size has been subsided in the revised standard.
5	Steel Wire rods are classified independently on the basis of tensile strength alongside chemical composition.
7	Limits for the elements S+P, Al, Mo, Cu have been specified for all grades classified on chemical composition.
9	Wire rods of other shapes such as square, hexagonal, rectangular etc are permitted
12	Classification of grades on the basis of surface defects has been subsided in the revised standard.
14	Classification of grades on the basis of non-metallic inclusion content has been subsided in the revised standard. Also, requirement of non-metallic inclusions, which was obligatory requirement earlier, has to be carried out if specifically agreed to between purchaser and supplier.
15	If specifically agreed to between purchaser and supplier test for determination of limit of percentage of resolvable pearlite has to be carried out.

4. Consequent upon the issuance of the revised Standard, existing STI has been revised as Scheme of Inspection and Testing (SIT) according to IS 7904:2018, Doc:SIT/7904/1 June 2018.
5. The guidelines for implementation of the revised Standard are given below:

A. For Licensees:

- (i) All Licensees operating as per IS 7904:1995 shall switchover to the revised Standard by 18 November 2018. BOs shall ensure that no Licences are under operation as per the old Standards after 18 November 2018.
- (ii) Licensees shall confirm conformance to the additional/modified requirements through In-house/ Independent Test Reports or Test Certificates, as applicable. Verification of additional requirements and facilities, if any, may be done during the next visit.
- (iii) BO may issue endorsement for the revised scope, SIT after receipt of SIT Acceptance and the confirmation from the Licensee on implementation of the revised Standard. If the Licensee fails to complete all actions by 18 November 2018 it shall be dealt with as per OMPC or guidelines issued therein.

- (iv) The old standard consists of round bars only classified on the basis of chemical composition. Accordingly, for switchover to the revised standard, the licensee shall be required to submit factory/independent test reports for round wire rods of highest and lowest carbon limits grades with higher carbon and lower carbon specified limits that can be manufactured at the premises. The licence scope for switchover shall be defined as all grades of round bars between and including these carbon limits.

Eg: In-house/independent test reports of grades HC38 and HC88 for round bars of any size are to be submitted for covering all grades from HC38 to HC88 in scope of licence for switchover.

- (v) For shapes (square, hexagonal etc.) other than round wire rod classified on the basis of chemical composition and for grades classified on tensile strength, which are not included in scope of licence after switchover to the revised standard, requests for inclusion as per the revised standard may be submitted to BO by the licensee.

B. For Applicants:

Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory as on date of issue of these guidelines may be processed as per the old Standards. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration from the Applicant may be obtained to that effect and the Application may be processed accordingly. An undertaking from such Applicants shall also be obtained that if the sample fails in new test requirements, Licence will not be granted by BIS as per the old version.

- (i) Applications which are recorded henceforth may be processed as per the old Standards or the revised Standard. Processing of Applications as per old Standards shall be permitted only upto 18 November 2018 and for such cases Applicant shall give a declaration that they will switchover to revised Standard by 18 November 2018.
- (ii) For any Application which is processed as per the old Standards, Applicant shall give a declaration that they will switch over to the revised Standard by 18 November 2018.
- (iii) Beyond 18 November 2018 no Licence shall be granted as per the old Standards.

C. For Inclusions:

- (i) For Inclusion of New Varieties, the relevant provisions as given above for Applicants shall apply.
- (ii) However, processing of Inclusions as per the old Standards shall be permitted only upto the date of switchover to the revised Standard or upto 18 November 2018 whichever is earlier.

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

Arun Pucchakayala
Scientist-C

Head (CMD-2) (sd/-)

DDG (Certification) (sd/-)