

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : के.मु.वि.-2/16: 3976

16 10 2018

**विषय: संशोधित IS 3976:2018 – Safety Rubber Canvas Boots for Miners के अनुपालन के दिशा निर्देश**

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

(आदित्य दास)

वैज्ञानिक सी (सी एम डी-2)

प्रमुख (के.मु.वि.-2)

सभी क्षेत्रीय/शाखा कार्यालयों/सी एच डी/एलपिपिडी को इंटरनेट के माध्यम से परिचालित

**प्रतिलिपि:**

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

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: **CMD-2/16: 3976**

**16 10 2018**

**Subject: Guidelines for implementation of Revised IS 3976:2018 – Safety Rubber Canvas Boots for Miners**

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

(Aditya Das)

Sc. 'C' (CMD-2)

Head (CMD-2)

**Circulated to all ROs/BOs/CHD/LPPD**

**Copy to: ITS for hosting on BIS Intranet**

## CENTRAL MARKS DEPARTMENT 2

Our Ref: CMD-2/16:3976

Date: 15-10-18

### **Subject: Guidelines for implementation of Revised IS 3976:2018 – Safety Rubber Canvas Boots for Miners**

1. IS 3976:2003 has been revised as IS 3976:2018 and has been published. The last date for implementation of the revised Standard is **19 December 2018** after which the old Standard shall stand withdrawn, as per Gazette Notification No. S.O. 3128 (E) dated 27 June 2018,.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.
3. The significant changes in the revised Standard as listed in the Table is 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	Changes
Title/Scope	‘Protective rubber canvas boots for miners’ is being redesignated as ‘Safety rubber canvas boots for miners’ . Test methods and requirements have been aligned with IS 15298 (Part 1) : 2015 and IS 15298(Part 2) : 2016
5.2.1 – Upper material	Requirements for breaking load of upper material – overlayer and inner layer have been removed. Tests for tear strength, determination of upper flexing resistance, water permeability and coefficient for composite upper material and test for abrasion resistance of inner layer of upper have been added as per IS 15298 (Part 1) : 2015 and IS 15298(Part 2) : 2016
5.2.2 - Compact insole/compact insoles/counter stiffener lining	Requirements for compact insole/compact insoles/counter stiffener lining and tests for their tear strength and abrasion resistance have been added as per IS 15298 (Part 1) : 2015 and IS 15298(Part 2) : 2016
5.2.4 – Rubber Components(old)/ 5.2.5 Compact sole heel (new)	Requirements for rubber components have been revised as requirements for compact sole heel, for which all tests applicable to rubber components have been retained except for relative density, flexing resistance, tensile strength and elongation at break. Requirements for counter stiffener have been added.
5.3 – Construction	Construction requirements have been modified
5.6 – Height of upper	Requirement for leg height has been changed to Height of upper to be tested as per IS 15298(Part 2) : 2016
5.7-Performance test	Requirement for performance test has been modified and test method as per IS 15298 (Part 1) : 2015 prescribed

5.8, 5.9	Adhesion test has been removed and tests for upper/outsole bond strength and sole interlayer bond strength for bi-polymer and bi-density sole added and test method as per IS 15298 (Part 1) : 2015 prescribed.
5.10 – Consolidation test	Requirements have been modified for consolidation test
5.11, 5.12, 5.13	Tests for compression resistance, internal length of toe cap and energy absorption have been added
6- Outsole	Requirement for breaking load of composite upper material has been replaced with requirements of abrasion resistance, flexing resistance, tear strength, resistance to hot contact (sole heel), and hydrolysis (when components made out of polyurethane) of outsole.
7 Additional properties	Additional properties – resistance to fuel, resistance to electricity have been added to be done if required by purchaser
8 Chemical requirements	Chemical requirements have been added (Table 6 of IS 3976)

4. Consequent upon the issuance of the revised Standard, existing STI has been revised as Scheme of Inspection and Testing, **Doc: SIT/3976/1 October 2018**.

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

**A. Licensees:**

- (i) All Licensees shall implement the revised Standard by **19 December 2018**. BOs shall ensure that no Licences are under operation as per the old Standard after **19 December 2018**.
- (ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of additional facilities, if any, may be done during the next visit.
- (iii) If the Licensee fails to complete all actions by **19 December 2018** it shall be dealt with as per the prevailing guidelines.

**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 while considering the provisions of the revised Standard, Licence will not be granted 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 upto

**19 November 2018** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **19 December 2018**.

(iii) Beyond **19 December 2018** 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 upto the date of implementation of the revised Standard or upto **19 December 2018** whichever is earlier.

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

**(Aditya Das)**  
**Scientist C**

**HCMD-2**  
**DDG (Cert.)**