

भारतीय मानक ब्यूरो

(केंद्रीय मुहर विभाग III)

हमारा सन्दर्भ : सी एम डी - III / 16 : 7098 (भाग 2)

24 जून 2022

विषय : आई एस 7098 (भाग 2) : 2011 के संशोधन सं 2 के कार्यान्वयन हेतु

दिशानिर्देश

इसमें उपरोक्त विषय का संदर्भ है।

सभी क्षेत्रीय और शाखा कार्यालयों से अनुरोध है की आई एस 7098 (भाग 2) : 2011 के संशोधन सं 2 का कार्यान्वयन तत्काल प्रभाव से सुनिश्चित करें।

(पीयूष प्रकाश)

वैज्ञानिक - सी (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय / शाखा कार्यालय

प्रति ल प : आई टी एस वभाग - बी आई एस इंटरनेट पर डालने हेतु

**CENTRAL MARKS DEPARTMENT III**

Our Ref: CMD III/16: IS 7098 (Part 2)

24 June 2022

**Subject: Guidelines for implementation of Amendment No. 2 to IS 7098 (Part 2) : 2011**

This has reference to the above subject.

All ROs/BOs are requested to ensure compliance of the guidelines for implementation of Amendment No. 2 to IS 7098 (Part 2) : 2011 with immediate effect.

Peeyush Prakash  
Sc.-C(CMD-III)

**Head (CMD-III)**

**All ROs/ BOs**

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### CENTRAL MARKS DEPARTMENT III

Our Ref: CMD III/16: IS 7098 (Part 2)

24 June 2022

**Subject: Guidelines for implementation of Amendment No. 2 to IS 7098 (Part 2) : 2011 ‘ Cross-linked Polyethylene Insulated Thermoplastic Sheathed Cables for working voltages from 3.3kV up to and including 33kV’**

1. Amendment No. 2 has been notified against IS 7098 (Part 2) : 2011 ‘Cross-linked Polyethylene Insulated Thermoplastic Sheathed Cables for working voltages from 3.3kV up to and including 33kV’. The last date of concurrent running of the Standard without Amendment No. 2 is 12 January 2023.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about the implementation of the amendment.
3. The significant changes in the amendment 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.

Sl. No.	Page no, clause reference	Change
a)	Page 1, clause 1.1 (b) (2)	Voltage Grade 33/33 kV has been added in scope
b)	Page 4, Table 4	Requirement for nominal thickness of insulation as per ‘Unearthed systems: 33/33 kV’ is added
c)	Page 6, Clause 17.6	New test for round steel wires/ formed steel wires taken from the cable has been added
d)	Page 7, Cl. 19.1, Sl. No. (i) b	Type test ‘Tensile test (for aluminium)’ has been restricted to conductor other than ‘compacted or shaped conductor’
e)	Page 7, Cl. 19.1, Sl. No. (vi) h	Test for carbon black content of polythene sheath has been limited to ‘Black PE sheath only’
f)	Page 8, Clause 19.1.2.2	Following new tests added for screened cable in addition to the existing test(s): 'a. Measurement of dielectric power factor b. Voltage test preceded by partial discharge test c. Heating cycle test'
g)	Page 8, Clause 19.2	Criteria for Acceptance Tests has been changed
h)	Page 8, Clause 19.2.2	Tests to be carried out on one sample only have been specified
i)	Page 9, Clause 20.2	Test Voltage has been specified for Partial Discharge Test

j)	Page 9, Clause 20.6.1	Voltage test has been added after Impulse Withstand Test
k)	Page 9, Clause 20.7.1	Test Voltage has been specified for Type/ Acceptance Test of High Voltage Test
l)	Page 9, Clause 20.7.2	Test Voltage has been specified for Routine Test of High Voltage Test
m)	Page 10, Clause 20.14	Test criteria has been specified for test for Smoke Density
n)	Page 10, Clause 20.16	Requirement for Longitudinal Water Penetration Test (for Cables with Water Tight Construction as Agreed between the purchaser and the supplier) has been added.

4. Consequent upon the publication of the Amendment to the Standard, the existing Product Manual and SIT has been revised as of the revised Standard, existing STI has been revised as **Doc: PM/IS/ 7098 (Part 2) / 2/ June 2022**
5. The guidelines for implementation of the Amendment is given below:

**A. For Licensees:**

- (i) All Licensees shall implement the requirements of Amendment No. 2 to IS 098 (Part 2) : 2011 by 12 January 2023. BOs shall ensure that no Licences are under operation without the implementation of the Amendment after 12 January 2023.
- (ii) Licensees shall confirm conformance to the additional/modified requirements through In-house/ Independent Test Reports or Test Certificates, as applicable. Verification of implementation of the Amendment, shall be done through a special inspection/ surveillance inspection after the submission of compliance by the licensee or latest by three months from the last date of concurrent running.
- (iii) If the Licensee fails to complete all actions by 12 January 2023, necessary actions may be initiated.

**B. For Applicants:**

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory without the implementation of the Amendment No.2, may be processed without considering the Amendment No. 2. However, if the Applicant is desirous of considering the Application as per the requirements of Amendment No. 2 as well, 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.
- (ii) Applications which are recorded henceforth may be processed with or without considering the Amendment No. 2 to the Standard. For such cases where the Application is processed without considering the Amendment No. 2, Applicant shall give a declaration that they

implement the requirements of the Amendment by 12 January 2023.

(iii) Beyond 12 January 2023, no Licence shall be granted without considering Amendment 2 to IS 7098 (Part 2) : 2011

**C. For Inclusions:**

(i) For Inclusion of New Varieties, the relevant provisions as given above for Applicants shall apply.

(ii) However, processing of Inclusions without considering the Amendment No. 2 to the Standard shall be permitted only upto the last date of concurrent running, i.e. 12 January 2023.

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

Peeyush Prakash  
Sc.-C(CMD-III)

**Head (CMD III)**  
**DDG (Certification)**