



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 17017(भाग 23)

06 अगस्त 2026

विषय: भारतीय मानक आईएस 17017 (भाग 23): 2026 के संशोधन के कार्यान्वयन के लिए दिशानिर्देश - विधुतीय वाहन चालकता चार्जिंग पद्धति भाग 23 डी. सी विधुतीय वाहन प्रदाय उपकरण

यह पत्र उपरोक्त विषय के संदर्भ में है।

सभी परिचालन इकाइयाँ (बीओएस) कृपया संलग्न दिशानिर्देशों का तत्काल प्रभाव से कार्यान्वयन सुनिश्चित करें।

(श्रीजीत मोहन जे)
वैज्ञानिक 'डी' (सीएमडी तृतीय)

प्रमुख (सीएमडी - तृतीय)

परिसंदेशित: सभी आरओ/बीओएस

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-III/ 16: IS 17017 (Part 23)

06 August 2026

Subject: Guidelines for Implementation of Revision of IS 17017 (Part 23): 2026 - ELECTRIC VEHICLE CONDUCTIVE CHARGING SYSTEM PART 23 d.c. ELECTRIC VEHICLE SUPPLY EQUIPMENT

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the attached guidelines with immediate effect.

(Sreejith Mohan J)
Scientist 'D' & Joint Director (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-III/ 16: IS 17017 (Part 23)

06 August 2026

Subject: Guidelines for Implementation of Revision of IS 17017 (Part 23): 2026 - ELECTRIC VEHICLE CONDUCTIVE CHARGING SYSTEM PART 23 d.c. ELECTRIC VEHICLE SUPPLY EQUIPMENT

1. **IS 17017 (Part 23): 2021** has been revised to **IS 17017 (Part 23): 2026** and the **last date of concurrent running of the standard is 06th January 2027**.
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 changes brought in the Standard through this revision 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.

S. No.	Clause / Table / Annex	Parameter	Changes
1	Clause 1 (Scope)	Systems & Scope	System B (Annex BB) added in scope.
2	Clause 1 (Scope)	Voltage limits	Change in terminology to " Side A " (supply network) and " Side B " (vehicle side).
3	Clause 2	Reference Standards	References Updated to IS 12640 (Part 1):2024, IEC 62368-1:2023, and IS 17050:2023 .
4	Clause 3 (Terminology)	Session & Port Definitions	Terminology on "proximity pilot" is deprecated in favor of " proximity function PP "; "charging session" is deprecated in favor of " coupling session ".
5	Clause 3 (Terminology)	Parameters Added	Added terms like " negotiated maximum power ", " rated boost current ", and " target current / voltage / power ".
6	Clause 4	General Requirements	Explicitly states that compliance with IEC 61439-7 is not applicable (with additions in Cl. 13).
7	Clause 8 / Table 113 (<i>Table 10 in 2021</i>)	Minimum Protective Measures	Ordinary person double-insulation threshold is lowered to 550 V DC .
8	Clause 8.105.2	Equipotential Bonding	Added requirements for equipotential bonding on side B.
9	Clause 8.105.3	Impedance to Protective Conductor	Added requirements for impedance to protective conductor on side B.
10	Clause 11.6	Strain Relief	Added requirements for strain relief.
11	Clause 11.102	Surface Temperature	Added specific temperature limits for the side B cable assembly.
12	Clause AA.3.8.3	Emergency Shutdown (Short-Circuit)	Added requirements for emergency shutdown in case of short-circuit fault.

13	Clause AA.6.3.7	Under-Voltage Protection	Added requirements for protection against under-voltage at the vehicle connector.
14	Clause AA.3.16	Temperature-Controlled Energy Transfer	Added requirements for temperature-controlled energy transfer.

4. The guidelines for implementation of the revision is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revision by **06th January 2027**. Any difficulty in implementation shall be brought to the notice of CMD III within 30 days of issuance of these guidelines. BOs shall ensure that no Licences are under operation as per old standard after **06th January 2027**. The status of implementation of the revision shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.
- (ii) Licensees shall confirm conformance to the additional/modified requirements through In-house/ Independent Test Reports or Test Certificates, if applicable. Verification of additional requirements and facilities, if any, may be done during the next visit.
- (iii) If the Licensee fails to implement the revision by **06th January 2027** 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 without considering the revision. 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.
- (ii) Applications which are recorded henceforth may be processed with or without revision. Processing of Applications without revision shall be permitted only up to **06th January 2027** and for such cases Applicant shall give a declaration that they will implement the revision by **06th January 2027**.
- (iii) Beyond **06th January 2027**, no Licence shall be granted without consideration of the revision.

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 without revision shall be permitted only up to the date of implementation of the revision by the licensee or up to **06th January 2027** whichever is earlier.

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

(Sreejith Mohan J)
Scientist 'D' & Joint Director

Head (CMD III)
DDG (Certification)