केन्द्रीय मुहर विभाग – III

हमारा संदर्भ- **केन्द्रीय मुहर विभाग-३/१६: भा.मा. 996** **11 नवंबर 2026**

विषय: भारतीय मानक आईएस 996: 2025 के संशोधन संख्या 1 के कार्यान्वयन हेतु दिशानिर्देश - सामान्य उपयोग के लिए सिंगल फेज-AC इंडक्शन मोटरें

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 D/ संयुक्त निदेशक (CMD III)

प्रमुख (सीएमडी - तृतीय)

परिसंदेशित: सभी आरओ/बीओएस

CENTRAL MARKS DEPARTMENT-III

Our Ref: **CMD-3/16: IS 996** **11 November 2026**

Subject: Guidelines for implementation of Amendment No. 1 to Indian Standard IS 996: 2025- Single Phase a.c. Induction Motors for General Purpose

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-3/16: IS 996** **11 November 2026**

Subject: Guidelines for Implementation of Amendment No. 1 to Indian Standard IS 996: 2025- Single Phase a.c. Induction Motors for General Purpose

1. Amendment No. 1 to IS 996: 2025 has been published. **The last date for implementation of the Amendment is 25 April 2027**.

2. The changes brought in the Standard through this Amendment as listed in the Table is given for the purpose of general guidance. It shall be ensured that the product conforms to all the requirements, as applicable, as per the Standard read along with the Amendment.

Clause / Table / Annex	**Title**	**Modification**
Clause 4.4	**Rated Speeds**	Replaced existing clause to state that preferred rated speeds correspond to 2, 4, and 6 poles as per Tables 3 to 13 **or as agreed between the manufacturer and user**.
Clause 5.1.4 (a)	**Voltage Variation**	Corrected terminal voltage tolerance to **"± 6 percent"** (replacing "+ 6 percent").
Clause 5.2	**Speed Variation**	**Deleted** from the standard.
Clause 12.5.1	**Performance Values & Tolerances**	Substituted clause text and Note 3 to clarify that values in Tables 3 to 13 are minimum/maximum limits (direct tolerances do not apply to them).
Clause 14	**Winding Resistance Measurement**	Added explicit instruction: *"Measured value shall be reported only"*.
Clause 15	**Reduced Voltage Running Up Test**	Replaced clause text to define the test as checking the motor's ability to run up to full speed under no load with **75 percent of rated voltage applied**.
Clause 16 & Table 16	**Noise Level**	**Deleted**
Clause 17	**Over Speed Test**	Updated criteria specifying that the motor must withstand **1.2 times maximum operating speed for 2 minutes** at no-load condition (achievable via a 50 Hz supply per IS/IEC 60034-1) without permanent abnormal deformation.
Clause 21.4	**Routine Tests**	Replaced text to explicitly detail the mandatory routine tests per Table 16: (i) Cold winding resistance, (ii) No-load current/power input/speed, (v) Breakaway starting current, (xi) Insulation resistance, (xii) High voltage, (xx) Direction of rotation, (xxi) Visual check, and (xxii) Switching operation of centrifugal switch at no load.
Clause 21.5.2	**Acceptance Tests**	Replaced text to explicitly list the required acceptance tests per Table 16: (ii) No-load test, (iii) Torques test, (x) Momentary overload test, (xi) Insulation resistance test, and (xii) High voltage test.
Table 1	**Torque Requirements**	Deleted "min" headers in columns 3, 4, and 5; updated title reference; and added a Note stating measured torque values must exceed listed values subject to Table 14 tolerances.

Tables 11, 12 & 13	**Notes & Typographical Correction**	Deleted old notes under Table 11; corrected a decimal typo in Table 12 Sl No. (xiii) Col 5 from "0196" to **"0.196"**. Added a joint Note inviting performance characteristics for 2-pole and 6-pole split phase and shaded pole motors.
Table 14	**Tolerances**	Added Sl No. (iii) setting explicit Torque tolerance at **"-15 percent of the torque values in Table 1"**.
Annex C	**Type Test Certificate Notes**	Added Notes clarifying that Annex C is informative and confirming that **noise level testing is optional** and conducted per IS 12065 only when requested by agreement.

3. For implementation of the amendment, the existing licensees have to take following actions:
   a) Submission of in-house/ independent test report as per grouping guidelines of Product Manual to establish compliance to the requirements of **Reduced Voltage Running Up Test** as per Clause 15.

4. Consequent upon issuance of the Amendment, existing Product Manual has also been revised as Doc: PM/ IS 996/5/ November 2026.

5. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the Amendment **within a week of issuance of these guidelines**.

6. No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted without consideration of the amendment after **25 April 2027.**

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

(Sreejith Mohan J)
Scientist D/ Joint Director (CMD III)

Head (CMD III)
DDG (Certification)