



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 5456

१० अक्टूबर २०२४

विषय: अनुपालन हेतु गाइडलाइन

सभी शाखा कार्यालयों से आग्रह है कि संलग्न गाइडलाइन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(राकेश कुमार)

वैज्ञानिक 'डी'/संयुक्त निदेशक (के मु वि III)

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 5456

10 October 2024

Subject: Guidelines for implementation of revised Standard IS 5456:2024 — “Positive Displacement type Air Compressors and Exhausters- Testing and Acceptance”

This has reference to the subject mentioned above.

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

(Rakesh Kumar)

Scientist D/Joint Director (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: **CMD-3/16: IS 5456**

10 October 2024

Subject: Guidelines for implementation of revised Standard IS 5456:2024 — “Positive Displacement type Air Compressors and Exhausters- Testing and Acceptance

1. Indian Standard IS 5456: 2006 has been revised and published as IS 5456: 2024. **The last date for implementation of the revised Standard is 23 February 2025.**
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 significant changes brought 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.

Sl. No.	Page No, Clause reference	Change
1.	Page 1, Cl. 1.2- Scope of Standard	IS/ISO 1217 has now been referred for Routine (Acceptance) tests.
2.	Page 2, Cl. 6.4- Precautions to be taken during testing	Precautions to be taken during testing have been modified.
3.	Page 2, Cl. 7.2- Type test	Volumetric and overall efficiency of compressor have been removed from list of Type tests.
4.	Page 4, Cl. 9-Test layout (Recommended)	Recommended test layout has been modified.
5.	Page 5, Cl. 10, 11, 12, 13, 14 & 16	Procedure for measurement of pressure, temperature, humidity, speed, air flow and power has been changed
6.	Page 5, Cl. 15.3	New clause 15.3 on measurement of oil carryover has been added
7.	Page 5, Cl. 17	Requirements on allowable difference between measured and contract values and tolerances have been changed

4. Consequent upon publication of the Amendment, existing Product Manual has also been revised as Doc: PM/ IS 5456 /2/ October 2024. In this revision, changes have been made in Scheme of Inspection and Testing.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by 23 February 2025. 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 Standard as per old standard after 23 February 2025. The status of implementation of the revised standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.
- (ii) In order to establish conformity to revised Standard, licensee shall submit in-house or independent test report of the product as per revised Standard, as applicable, as evidence of conformity.
- (iii) Verification of implementation of the revised standard, shall be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**
- (iv) If the Licensee fails to complete all actions by 23 February 2025 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 old Standard. However, if the Applicant is desirous of considering the application as per 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 as per revised Standard, Licence will not be granted as per old Standard.
- (ii) Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Applications as per old Standard shall be permitted only up to 23 February 2025 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 23 February 2025.
- (iii) Beyond 23 February 2025 no Licence shall be granted as per 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 old Standard shall be permitted only upto the date of implementation of the revised Standard by the licensee or up to 23 February 2025 whichever is earlier.

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

(Rakesh Kumar)
Scientist D/Joint Director

Head (CMD III)
DDG (Certification)