



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 12300

२६ दिसंबर 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 12300

26 December 2024

Subject: Guidelines for implementation of revised Standard IS 12300:2024 — “Gas Cylinder Valves for Small Refrigerant Cylinders”

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 12300

26 December 2024

Subject: Guidelines for implementation of revised Standard IS 12300:2024 — “Gas Cylinder Valves for Small Refrigerant Cylinders”

1. Indian Standard IS 12300: 1988 has been revised and published as IS 12300: 2024. **The last date for implementation of the revised Standard is 08 April 2025.**
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the Amendment **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. 3.1- material requirements	Material compatibility requirements for metallic and non-metallic materials in contact with the gas have been modified. Now, metallic material is required to be compatible as per IS/ISO 11114-1 and non-metallic material is required to be compatible as per IS/ISO 11114-2.
2	Page 3, Cl. 5.19- Valve design requirements and valve operating device	Valve design requirements and valve operating device have been specified now.
3	Page 2, Cl. 6 and Page 7, Cl. 13- Pneumatic testing and permissible leakage rate	Procedure for pneumatic leakage test and permissible value of leakage rate have now been specified. Also, internal and external leak test have been specified separately.
4	Page 7, Cl. 14- Hydraulic Strength test	Hydraulic Strength test has been added as a new test on product.

4. Consequent upon publication of the Amendment, existing Product Manual has also been revised as Doc: PM/ IS 12300 /2/ December 2024. In this revision, changes have been made in list of test equipment and 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 08 April 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 08 April 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) Following actions will be taken by licensee manufacturers to implement the revised Standard:
 - a) Submit test certificates of the raw material (metallic and non-metallic, as per IS/ISO 11114-1 or IS/ISO 11114-2), as applicable, as evidence of conformity to revised Standard.
 - b) Submit test reports of product for new (Hydraulic Strength test), and modified test requirements (Pneumatic leak), as evidence of conformity to revised Standard.
- (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 08 April 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 08 April 2025 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 08 April 2025.
- (iii) Beyond 08 April 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 up to the date of implementation of the revised Standard by the licensee or up to 08 April 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)