



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 15490

०७ जुलाई २०२१

विषय: अनुपालन हेतु गाइडलाइन

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

(राकेश कुमार)
वैज्ञानिक 'डी' (के मु वि III)

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 15490

07 July 2021

Subject: Guidelines for implementation of Amendment No. 1 to IS 15490: 2017- Seamless Steel Cylinders for On-Board Storage of Compressed Natural Gas as a Fuel for Automotive Vehicles

This has reference to the subject mentioned above.

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

(Rakesh Kumar)
Scientist D (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD III/16: IS 15490

07 July 2021

Subject: Guidelines for implementation of Amendment No. 1 to IS 15490: 2017- Seamless Steel Cylinders for On-Board Storage of Compressed Natural Gas as a Fuel for Automotive Vehicles

1. Amendment No. 1 to IS 15490: 2017 has been published. The last date for implementation of the revised Standard is 02 June 2023.
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 in the amendment Standard as listed in the Table are 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.

Clause	Requirement
Page 2, Cl. 3.8	Definition of batch modified to specify that steel of same heat number constitute a batch.
Page 2, Cl. 4	Symbols for minimum guaranteed tensile strength and actual value of tensile strength are changed in ISS.
Table 1, Table 2, Table 3	Chemical composition requirements are changed.
Page 4, Cl. 6.2, Cl. 6.3.1	Formula for calculation of guaranteed minimum wall thickness of cylindrical shell and convex end is changed.
Page 10, Cl. 9.2.4	Requirements of minimum Burst pressure is increased
Page 15, Cl. 11.4	Test procedure for leakage test is changed
Page 16, Cl. 15	Powder coating has been added as alternate to painting of cylinders and requirements of coating thickness in case of powder coating has been introduced.

4. Consequent upon issuance of the amendment, existing Product Manual has been revised as Doc: PM/IS 15490 (Part 2)/2/July 2021. In this revision of Product Manual, definition of Batch in SIT has been changed as per the Amendment.
5. The guidelines for implementation of the amendment is given below:

A. LICENSEES:

- (i) All Licensees shall implement the amendment by 02 June 2023. Any difficulty in implementation shall be brought to the notice of CMD III at the earliest but in any case at least 30 days before the last date of implementation. BOs shall ensure that no Licences are under operation Standard without Amendment after 02 June 2023. **The status of implementation of the amendment shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.**

- (ii) Design wall thickness of existing varieties and other requirements as per the amendment shall be reviewed by the licensees in view of this Amendment. In case fresh prototype approvals (as per Cl. 9 of IS 15490: 2017) is not required to be carried out, the in-house test results shall be submitted by the licensees for establishing conformity to the amendment. Verification of implementation of the amendment, wherever required, may be done during the next visit **which may normally be completed within six months of the last date of concurrent running.**
- (iii) In case fresh prototype approvals (as per Cl. 9 of IS 15490: 2017) is required to be carried out, joint inspection shall be carried with PESO as per the prevailing guidelines.
- (iv) If the Licensee fails to complete all actions by 02 June 2023 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 consideration of the Amendment. However, if the Applicant is desirous of considering the amendment, 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 in the new test requirements, Licence will not be granted without consideration of the amendment.
- (ii) Applications which are recorded henceforth may be processed with or without consideration of the amendment. Processing of Applications without consideration of the amendment shall be permitted only up to 02 June 2023 and for such cases Applicant shall give a declaration that they will implement the amendment by 02 June 2023.
- (iii) Beyond 02 June 2023 no Licence shall be granted without consideration of the amendment.

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 consideration of the amendment shall be permitted only upto the date of implementation of the amendment by the licensee or up to 02 June 2023 whichever is earlier.

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

(Rakesh Kumar)
Sc D

Head (CMD III)
DDG (Certification)