

केन्द्रीय मुहर विभाग -2

संदर्भ- : के मू वी-2/16: 9842

13 03 2024

विषय: **IS 9842:2024** के **revision** के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।

अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)
वैज्ञानिक - डी

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 9842

13 03 2024

Subject: Guidelines for implementation of Revised IS 9842:2024

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

It is requested to ensure the implementation of the above Guidelines with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)

All ROs/BOs/Labs/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 9842

13 03 2024

Subject: Guideline for Implementation of revised IS 9842 : 2024 (PREFORMED FIBROUS PIPE INSULATION — Specification)

1. IS 9842 : 1994 for **PREFORMED FIBROUS PIPE INSULATION — SPECIFICATION** has been revised to IS 9842 : 2024, **PREFORMED FIBROUS PIPE INSULATION — Specification**.
2. PREFORMED FIBROUS PIPE INSULATION as per IS 9842 : 2024 is currently under voluntary certification with 1 Licence for the product in operation in India under RPBO, and no pending applications.
3. IS 9842 : 1994 and IS 9842 : 2024 are under concurrent running till 13th July 2024 and the last date for implementation of revised IS 9842 : 2024 is 13th July 2024.
4. The major changes in the standard on account of the revision are given in the table below for general guidance:

The major changes due to the revision is given below -

Sl no	Clause No	Change
1.	Page 1 Clause 4.2.2	The variation from the manufacturer's declared value for bulk density, calculated at the nominal thickness, has been reduced to ± 10 percent from ± 15 percent
2.	Page 2 Clause 4.2.1, Table 1	Range specified for bulk density has been changed for Group 4, from 161-250 to 161 and above .
3.	Page 2 Clause 4.3, Table 3	Sieve size of 150 micron has been included and clubbed with 500 micron and 250 micron sieves. Shot Content requirement has been changed to <i>25 percent including all 3 sieve as 500 micron, 250 micron and 150 microns</i> from <i>5 and 15</i> given separately for 500 micron and 250 micron sieves, respectively.
4.	Page 3, clause 4.7.1	The first sentence of the clause is modified as <i>"The mineral fibre pipe insulation shall be supplied as hollow cylinders split lengthwise on one or both sides of the cylindrical axis, with a minimum length of 100 cm to fit standard sizes of pipe and tubing".</i> In place of <i>"The mineral fibre pipe insulation shall be supplied as hollow cylinders split lengthwise on one or both sides of the cylindrical axis, with lengths of 50 cm, 60 cm, 75cm, 90 cm and 100 cm to fit standard sizes of pipe and tubing."</i> Following new sentence is added at the end of the Clause <i>"The dimensions shall be measured using suitable equipment like scale, measuring tape etc."</i>

5.	Page 3, clause 4.7.2	Second sentence of the clause has been replaced with <i>For all thicknesses, the tolerance shall be + 5 mm/ – 2 mm</i> Third sentence of the clause “ <i>For greater nominal thicknesses, the tolerance on thickness shall be as agreed to between the purchaser and the supplier</i> ” has been deleted. In the last sentence word “sizer” has been replaced with “size”
6.	Page 3, clause 4.11	In the clause, limit of sulphur has been reduced from 0.6 to 0.2 percent.
7.	Page 3, clause 4.13.4	Leachable Chloride Content test has been added in place of corrosive attack
8.	Page 4, clause 5.3	The BIS Certification Marking Clause has been updated w.r.t. <i>Bureau of Indian Standard Act, 2016</i>
9.	Page 1, clause 4.3; Page 2, clause 4.4.1, 4.4.2, 4.5; Page 3, clause 4.9.1, 4.11, 4.13.2, 4.13.3, Page 4, A-2.1	Reference to IS 3144 has been made specific by mentioning the relevant Clauses of the IS.

5. The existing Product manual has been revised to incorporate the changes due to the revised IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/IS 9842/2 March 2024.

6. The guidelines for implementation of the revised IS are as given below:

A. LICENSEES:

- (i) The one operative Licence under RPBO has in its scope Group 3, Mean Temperature for Thermal Conductivity- 50, 100, 150, 200, 250, 300 Degree Centigrade, Length 1000 mm, Nominal Thickness 25mm upto and including 100 mm, Without Optional Requirements.
- (ii) The licensee shall implement the revised Indian Standard by 13th July 2024. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of these guidelines. RPBO shall ensure that the Licence is not under operation as per IS 9842:1994 (old standard) after 13th July 2024. The status of implementation of the revised Indian Standard shall be confirmed by Head (RPBO) to CMD-II within two weeks of the last date of implementation of concurrent running.
- (iii) Licensee is required to submit evidence of conformity as per the revised IS through In-house Test Reports/ Independent Test Reports.

- (iv) Change in the Test equipment, if any, consequent to the revision of the IS shall be declared by Licensee in Form no 2.
- (v) Earlier length of pipe insulation was provided as 50 cm, 60 cm, 75cm, 90 cm and 100 cm (CI 4.7.1), which has been replaced by **with a minimum length of 100 cm** in the revised IS. In the present case of only one licensee under RJBO, 100 cm length is already available in scope, therefore, no further change in scope of licence is required.
- (vi) Verification of implementation of the revised IS, shall be done in the next surveillance visit, preferably within 30 days of confirmation of implementation of the revised standard by licensee.
- (vii) If the Licensee fails to complete all actions by 13th July 2024, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) No applications are pending for the IS. Applications which are recorded henceforth may be processed as per the old standard / the revised Standard. Processing of Applications as per the old Standard, shall be permitted only upto 12th July 2024. For such cases Applicant shall give a declaration that they will implement the revised Standard by 13th July 2024.
7. No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted as per IS 9842: 1994 (Old IS) after 13th July 2024.
8. RPBO is requested to circulate this guideline to the licensee immediately within 7 days of issuance of this circular.
9. The above guidelines come into force with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)
DDG(Certification)
Circulated to:

- i) All RO/BOs
- ii) All other concerned - through BIS intranet