

केन्द्रीय मुहर विभाग-2

संदर्भ -: केमूवी-2/16: 16008 (Part 2)

14 09 2023

**विषय: IS 16008 (Part 2):2016 के amendment no. 1 के अनुपालन के दिशा निर्देश**

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

आदित्य दास  
वैज्ञानिक D

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/TXD/LRMD

CENTRAL MARKS DEPARTMENT-2

OurRef:CMD-2/16:16008 (Part 2)

14 09 2023

**Subject: Guidelines for implementation of amendment no. 1 to IS 16008 (Part 2):2016**

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

(Aditya Das)  
Scientist D

Head (CMD-2)

All ROs/BOs/Labs/TXD/LRMD

## CENTRAL MARKS DEPARTMENT-2

Our Ref:CMD-2/16:16008 (Part 2)

Date: 14 09 2023

**Subject: Guidelines for implementation of Amendment no. 1 to IS 16008 (Part 2):2016 – (Agro textiles – Shade nets for agriculture and horticulture purposes – Specification Part 2 Shade nets made from mono filament yarns )**

1. Amendment no. 1 to IS 16008 (Part 2):2016 has been published. The amendment shall be implemented with effect from **1 Feb 2024**.

2. The significant changes in the standard through this amendment 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 amendment.

Clause No.	Change
4.1, 5	A new grade Type II A — having shading percentage of 50 percent has been added
6.1, Table	Tolerances on length, width and mass have been modified (relaxed)
Table 1	Requirements for Type II A shade nets have been incorporated
B-2.2	Duration of UV resistance test has been changed from 144 h to 1500 h

3. The guidelines for implementation of the amendment is given below:

### **A) LICENSEES:**

i) All Licensees shall implement the amendment by **1 Feb 2024**. Any difficulty in implementation shall be brought to the notice of CMD 2 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 as per IS 16008 (Part 2):2016 without the amendment after **1 Feb 2024**.

ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports (*indicating product conformity to UV resistance requirement considering the enhanced test duration*).

iii) Verification of implementation of the amendment, wherever required, shall be verified through a surveillance visit within 30 days of confirmation of implementation of the amendment to standard by licensee.

### **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 while considering the provisions of the amendment, Licence will not be granted as per the old version.

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 upto **15 Oct 2023** and for such cases

Applicant shall give a declaration that they will implement the amendment by **1 Feb 2024**.

iii) Beyond **1 Feb 2024** 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 upto **1 Feb 2024** whichever is earlier.

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

Aditya Das  
Sc.D

Head (CMD-2)  
DDG (Certification)

**AMENDMENT NO. 1 JUNE 2023**  
**TO**  
**IS 16008 (PART 2) : 2016 AGRO TEXTILES — SHADE NETS FOR AGRICULTURE**  
**AND HORTICULTURE PURPOSES — SPECIFICATION**  
**PART 2 SHADE NETS MADE FROM MONO FILAMENT YARNS**  
*( First Revision )*

*(Page 1, clause 4.1, sentence 2)* — Substitute the following for the existing sentence:

‘The linear density of the monofilament yarn shall be 33.33 tex (300 denier) for Type I, Type II and Type II A shade nets and 55.55 tex (500 denier) for Type III and Type IV shade nets.’

*(Page 1, clause 5)* — Substitute the following for the existing:

‘Based on the shading percentage, the monofilament agro shade nets are classified as follows:

- a) Type I — having shading percentage of 35 percent;
- b) Type II and Type II A — having shading percentage of 50 percent;
- c) Type III — having shading percentage of 75 percent; and
- d) Type IV — having shading percentage of 90 percent.’

*(Page 2, clause 6.1)* — Substitute the following informal table for the existing:

<i>Dimension</i>	<i>Tolerance, percent</i>
Length	+ 5 – 0
Width	+ 3 – 0
Mass, g/m <sup>2</sup>	+ 6 – 0

*(Page 2, Table 1)* — Substitute the table for the existing:

**Table 1 Requirements of Shade Nets Made from Monofilament Yarns**

*(Clause 6.2)*

SI No.	Characteristic(s)	Requirement(s)					Method of Test, Ref to
		Type I	Type II	Type II A	Type III	Type IV	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
i)	Mass, g/m <sup>2</sup> , <i>Min</i>	95	125	105	310	460	IS 1964
ii)	Average Breaking Strength of shade nets fabric (Strip method, 325 mm × 50 mm test piece with gauge length of 200 mm), <i>N, Min</i>						IS 1969 (Part 1)
	a) warpway	300	300	300	450	650	
	b) weftway	350	620	620	1 700	4 300	

**Price Group 1**

Table 1 (Concluded)

SI No.	Characteristic(s)	Requirement(s)					Method of Test, Ref to
		Type I	Type II	Type II A	Type III	Type IV	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
iii)	Retention of breaking strength after UV exposure, N, <i>Min</i>	← 85 Percent of original value (fabric) →					Annex B and IS 1969 (Part 1)
iv)	Colour fastness to artificial light <sup>1)</sup>	4 or better	4 or better	4 or better	4 or better	4 or better	IS 2454
v)	Bursting pressure, kgf/cm <sup>2</sup> , <i>Min</i>	11	13	13	30	40	IS 1966 (Part 1) IS 1966 (Part 2)
vi)	Shading percentage	30 to 40	45 to 55	45 to 55	70 to 80	85 to 95	Annex C

<sup>1)</sup>Applicable for coloured shade nets only

(Page 4, clause **B-2.2**) — Substitute the following for the existing:

**B-2.2** The duration of the test shall be 1 500h.'

(TXD 35)

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