

**केन्द्रीय मुहर विभाग -2**

संदर्भ -: के मू वी-2/16: 5295

20 02 2023

**विषय: IS 5295:2021 के amendment no. 1 and 2 के अनुपालन के दिशा निर्देश**

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।

अनोरोध है की दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)  
वैज्ञानिक - डी

**प्रमुख (के मू वी 2)**

**सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ PCD/LRMD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16:5295

20 02 2023

**Subject: Guidelines for implementation of amendment no. 1 and 2 to IS 5295:2021**

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/PCD/LRMD**

## CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:5295

20 02 2023

### **Subject: Guidelines for implementation of Amendment no. 1 and 2 to IS 5295:2021 (ETHYLENE GLYCOL– Specification)**

1. Amendment no. 1 and 2 to IS **5295:2021** has been published.
2. The significant changes in the standard through this amendment as listed in the Table are given for the purpose of general guidance.

<b>Amendment No 1</b>	
<b>Clause No</b>	<b>Change</b>
Page 1, clause 2	References to <i>IS 1448 (Part 167) : 2018/ISO 12185 : 1996 Methods of test for petroleum and its products: Part 167 Determination of density — Oscillating u — Tube method</i> , <i>IS 5298 : 2013 Method for determination of distillation range and distillation yield (second revision)</i> and <i>IS 8768 : 2000 Method of measurement of colour in liquid chemical products platinum — Cobalt scale (second revision)</i> , have been added
Page 2, Table 1, SI No. i), col (5)	Reference to test method for Test of Colour has been changed from A2 to 'IS 8768'.
Page 2, Table 1, SI No. ii), col (5)	Reference to 'IS 1448 (Part 167)' has been added for DETERMINATION OF RELATIVE DENSITY
Page 2, Table 1, SI No. iii), col (5)	Reference to A- 4/ASTM D 1078 for test of DETERMINATION OF DISTILLATION RANGE has been changed to A-4/IS 5298 <sup>2</sup>
Page 2, Table 1, SI No. ix), col (5)	Reference to test method ASTM E 2469 for test of DETERMINATION OF CHLORIDES has been deleted
Page 2, Table 1, SI No. xii), col (2)	Detection of Aldehyde only in the form of Aldehyde (as HCHO), ppm, Max' has been prescribed.
Page 2, Table 1, <sup>1,2)</sup>	In case of dispute in the test of DETERMINATION OF DISTILLATION RANGE, IS 5298 has been made the referee method.
Page 3, Annex A, A-2	Test for Colour as per 'A-2 has been deleted
Page 9, Annex A, A-10	Three test methods has now been given for Test of DETERMINATION OF CHLORIDES (as Cl) Method A Determination of Chloride by Turbidity Method Method B Determination of chloride by Microprocessor-based Potentiometric Auto Titrator Method C Determination of Chloride by Ion-Chromatography

#### Changes in Amendment no 2

<b>Amendment No 2</b>	
<b>Clause No</b>	<b>Change</b>
Page 2, Table 1, NOTE	Under the NOTE, the referred ASTM method has been referred as alternate method for six-month only, from date of publication of amendment no. 2, after which the Indian Standard methods shall be referred.'

3. There are no major changes in the prescribed requirement or in the test method except for inclusion of an additional option in the test of COLOUR by use of spectrophotometer; and incorporation of additional methods 'Method B' and 'Method C' for the test of DETERMINATION OF CHLORIDES (as Cl).
4. BOs are requested to circulate this amendment to licensees and applicants immediately within 7 days of issuance of this circular. Confirmation on availability of additional Test equipment (where applicable) shall also be obtained from licensees and applicants in Form no 2
5. Revised product manual incorporating the amendments is being circulated separately.
6. The amendment no 1 and 2 shall be implemented by all licencees and applicants by 7 Apr 2023, No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted without consideration of these amendments after 7 Apr 2023.
7. The above guidelines come into force with immediate effect.

**Amit Choudhary**  
**Sc. D**

**Head (CMD-2)**  
**DDG (Certification)**