

WESTERN INDIA

WIEMA

Electrical Accessories Manufacturers Association

(MEMBER OF ETD COMMITTEE OF BIS)

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30 Nov 2024


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Ms. Ankita Tripathi, Sc. D
Electrotechnical Department
Member Secretary ET 14 (ETD)
Bureau of Indian Standards,
9, B.S.Zafar marg,
New Delhi 110 002
Email: eetd@bis.org.in

Subject: WIEMA & Anchor Recommendations which may be incorporated in IS 371 : 1999
CEILING ROSES – SPECIFICATION (*Third Revision*) while carrying out its revision

Dear Madam,

In the context of assurances given during past ET 14 Meetings regarding Revision of IS 371:1999 we hereby submit our recommendations as follows

Sr. No.	Cl No. of IS 371:199	Clause heading	Content as per existing version of IS 371:1999	Recommendation
1	9.2	Marking	When symbols are used, they shall be as follows 9.2 When symbols are used, they shall be as follows: amperes A volts V earth ⏚ live L neutral N	Protective Earth..... 

Contd.....2

Sr. No.	Cl No. of IS 371:199	Clause heading	Content as per existing version of IS 371:1999	Recommendation
2	16	Temperature rise test	The temperature rise of any current-carrying terminal, on load, shall not exceed 45°C in either test. The test shall continue until stability is reached, stability being taken as not more than 1°C rise within 1 h	Temperature stability is a long process, sometimes it takes 6 to 8 hours to stabilize the temperature. So we can do temperature rise test with the same process as per IS 3854 and IS 1293.
3	19.3	Tracking Test	Applicable	<p>This test should be aligned with directive of Cl. 24.2 of IS 3854:2023 Switches for Domestic and Similar Purposes which is being reproduced for ready reference:</p> <p>24.2 Resistance to Tracking For Switches that have an IP code higher than IPX0, parts of insulating material retaining live parts in position shall be of material resistant to tracking. Compliance is checked according to IS 2824.</p>
4	23.3	Routine Test	<p>23.3 Routine Tests</p> <p>The following shall constitute routine tests.:</p> <p>a) Marking (see 9); and</p> <p>b) Flash test (See 15.7).</p>	<p>As regards frequency of test Should be aligned with recommendation of product manual of IS 3854:2023 vide Document No. – PM/IS 3854/3/January 2024 may be relied which states:</p> <p><i>Every week for each type and rating</i></p>

Sr. No.	Cl No. of IS 371:199	Clause heading	Content as per existing version of IS 371:1999	Comments on Draft Amendment / Recommendation
Comments over ETD Doc No. ETD 14 (11691) Draft Amendment No. 5 September 2017				
5		draft amendment no. 5, 2017, (Page 4, clause 13.1, Note 2)		Accepted Insert the following new Note 3 at the end: '3 The provisions for earthing terminal is optional.' This implies that Ceiling Roses with only 2 terminals can also be marked with ISI
In conclusion Of the above Clause acceptant need to edit the following clause 12 as well				
6	12	Provision for Earthing	12.1 All Ceiling roses shall be provided with an earthing terminal as specified in 13 Word ' shall ' to be replaced with ' may '	12.1 All Ceiling roses may be provided with an earthing terminal as specified in 13
7		draft amendment no. 5, 2017 (<i>Page 5, clause 13.2</i>) — Substitute the following for the existing: '13.2 Screw type terminals shall be so located that they are prevented from rotating when the terminal screws are turned.'	There appears to be no difference between proposed substituted clause contents and the existing clause contents of Para 1 of Clause 13.2.	A clarification is required to the effect that whether the proposed amendment pertains to Para 1 only of Clause 13.2 or it pertains to all the paragraphs under Clause 13.2
8		draft amendment no. 5, 2017 [<i>Page 13, clause 19.2(b), line 5, (see also Amendment No. 2, page 2)</i>] — substitute '650°C' for '85 °C'.		Accepted Note : Page 13, clause 19.2(a), line 4 vide Amendment No. 2, page 2 the Glow-Wire test temperature has been amended to 850°C , whereas clause 19.2(b) the Glow –Wire test temperature has been amended to 650°C vide Amendment No. 5

Contd.....4

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Please also ensure that text of all amendments issued till date get incorporated at appropriate places in the revised Standard

Hope you will find WIEMA & Anchor recommendations valid & useful

Thanking you,

Yours faithfully,

(Kapil K Ajmera)
Hon. Secretary
98204 59885

Western India Manufacturers Association Mumbai <wiemamumbai@yahoo.com>

Today at 17:54

To

ELECTROTECHNICAL

Message body
Dear Rajeev Sharma,
Head (Electrotechnical)

Attached here is WIEMA Comments for ETD Doc No. **ETD 14 (11790)**

Western India Manufacturers Association Mumbai <wiemamumbai@yahoo.com>

Today at 18:03

To

ELECTROTECHNICAL

Message body
Dear Rajeev Sharma,
Sc 'E' & Head (Electrotechnical)

Attached here are WIEMA Response to ETD Doc No. ETD 14 (11691) Draft Amendment No. 5 September 2017 to IS 371 : 1999 CEILING ROSES – SPECIFICATION (*Third Revision*) kindly go thru the observation.

Date: 03.12.2024

TO,
The Member Secretary,
ET-14, BIS.

Ref- Submission in respect of IS: 371-1999 for Ceiling Roses

Dear Maam,

In the above matter, the relevant point have, I understand, been already shared by Mr. Kapil Ajmera of Wiema and Anchor.

We endorse their views.

However it may be stated that the following tests be made similar as in the corresponding IS-3854 & IS- 1293 as all these products are complimentary to each other-

1. Conditioning- To be made similar as per notes No-3 & 4, Page- 1 of IS-1293-2019.
2. Accessibility of Live Parts to be made similar as per Cl-10, Page-13, Protection against Electric Shock IS-1293-2019.
3. Resistance to Moisture Humidity to be made similar to Resistance to Ageing, IR and Electrical Strength CL-16 & 17 of IS-1293.
4. Temperature Rise to be made similar to Cl-19 of IS- 1293.
5. Resistance to Abnormal Heat & Tracking to be as per Cl- 28 of IS-1293. Tracking to be applicable for Ceiling Roses with IP code higher than IP XO.

Actually the specification need to be completely overhauled as per provisions specified elaboratoraly to IS-1293 or IS-3854

Thanking You,
Yours Sincerely,

Rakesh Kumar Jain
Member ET-14, BIS.

