केन्द्रीय मुहर विभाग-2

हमारा संदर्भ: सीएमडी-2/16:16585 27-जून-2018

विषय: आई एस 16585:2016 के अनुसार चुंबकीय सामग्रियाँ – वैयक्तिक सामग्रियाँ की विशिष्टि अर्ध प्रक्रमित अवस्था मे दिये गए लोहा आधारित अमोर्फस स्ट्रिप के प्रमाणन हेतु समूहिकरण दिशा निर्देश

सक्षम प्राधिकारी द्वारा अनुमोदित, आई एस 16585:2016 के प्रमाणन हेतु समूहिकरण दिशा निर्देश तत्काल प्रभाव से अनुपालन हेतु संलग्न है।

(आदित्य दास)
वैज्ञानिक सी

प्रमुख (सी एम डी -2)

सभी क्षेत्रीय कार्यालय/शाखा कार्यालय/एम टी डी को परिचालित

प्रतिलिपि: आई टी एस विभाग –भा मा ब्यूरो इंट्रानेट पर परिचालन हेतु

CENTRAL MARKS DEPARTMENT-2

Our ref: CMD-2/16:16585 27-June-2018

Subject: Grouping Guidelines for Magnetic Materials -Specification for individual materials – Fe Based Amorphous Strip Delivered in the Semi Processed State as per IS 16585:2016.

Please find enclosed grouping guidelines for certification of IS 16585:2016, duly approved by the Competent Authority, for immediate implementation.

(Aditya Das)

Sc. C

Head CMD-2

Circulated to ROs/BOs/MTD

Copy to:

ITSD - with a request to host on BIS intranet

C-124

CENTRAL MARKS DEPARTMENT-2

Our Ref: - CMD-2/16:16585

27 June 2018

Subject: - Grouping guidelines for drawing of samples for considering inclusion / Grant of Licence for IS:16585:2016, *Magnetic Materials - Specification for Individual Materials - Fe-Based Amorphous Strip Delivered in the Semi-Processed State*.

1. In order to align with existing guidelines for magnetic materials and uniform practice is followed across ROs/BOs, the following procedure to be adopted towards grant of licence and inclusion of additional varieties. Grouping has been done on the basis of grade and designation. Grouping has been considered based on permeability levels. i.e. the magnetic material is conventional or high permeability grade.

2. Grades corresponding to conventional Fe-based Amorphous Strip of Table 1 (IS 16585:2016) are considered in one group and the grades corresponding to High Permeability Grades of Fe-Based Amorphous Strip of Table 2 (IS 16585:2016) are considered in another group. In case of magnetic properties, the tests shall be made using a single sheet method in accordance with IS 16586:2016.

3. Two samples from each group as under, one having the lowest specific total loss at 1.3T and 50 Hz and with highest stacking factor, and another having the highest specific loss at 1.3T and 50Hz with lowest stacking factor of any nominal width, of nominal thickness 0.025mm, and subjected to a magnetic annealing in accordance with the reference condition (see 7.1.1) shall be tested for all requirements of IS 16585:2016, for considering GOL/inclusion of the designations within the group:

Group 1	Group 2
AM08-25S5-88	AM08-25P5-88
AM08-25S5-86	AM08-25P5-86
AM08-25S5-84	AM08-25P5-84
AM10-25S5-88	AM10-25P5-88
AM10-25S5-86	AM10-25P5-86
AM10-25S5-84	AM10-25P5-84
AM12-25S5-88	AM12-25P5-88
AM12-25S5-86	AM12-25P5-86
AM12-25S5-84	AM12-25P5-84
AM16-25S5-88	AM16-25P5-88
AM16-25S5-86	AM16-25P5-86
AM16-25S5-84	AM16-25P5-84

Eg: To cover all designations in group-1 a sample each of the designations AM08-25S5-88 and AM16-25S5-84 are to be tested for the requirements of IS: 16585:2016.

4. While considering Grant of licence/inclusion of additional varieties, it shall be ensured that the applicant/licensee has got complete manufacturing facilities and testing equipments for all the designations/sizes applied.

5. During the operation of license, BO shall ensure that all the designations covered in the licence are drawn for independent testing on rotation over a period of time.

6. The above grouping shall apply only to the sizes for which technological and magnetic properties are defined in IS 16585:2016. For material grades of other nominal thickness, maximum specific total loss etc., grouping guidelines shall not be applicable.

All ROs/BOs are requested to implement the same.

(Aditya Das)
Scientist-C, CMD-2

Head (CMD-2)

DDG(cert.)