

केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-3/16: IS 1180 (Pt 1)

10 02 2021

विषय: पुनरीक्षित प्रोडक्ट मैनुअल

सभी शाखा कार्यालय से आग्रह है कि उपरोक्त विषय से संबंधित संलग्न परिपत्र का अवलोकन करें।

औरोस्मिता कबिराज
वैज्ञानिक सी (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 1180 (Pt 1)

10 02 2021

Subject: Revised Product Manual incorporating SIT and Grouping Guidelines for IS 1180 (Pt 1)

BOs may kindly see the attached circular on the subject mentioned above.

Aurosmita Kabiraj
Sc. C (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: **CMD-III/Product Manual/ IS 1180 (Pt 1)**

10 02 2021

Subject: Revised Product Manual incorporating SIT and Grouping Guidelines for IS 1180 (Pt 1)

This has reference to the subject mentioned above.

CMD-II, vide their circular Ref. CMD-2/99 dated 03 09 2020, had informed about the Steel and Steel Products (Quality Control) Order, 2020 issued by the Ministry of Steel. As per this Order, Stampings/laminations/ cores of transformers (with or without winding) shall be made from BIS standard marked Grain Oriented Electrical Steel Sheet and Strip conforming to IS 3024:2015 or Cold rolled non-oriented electrical steel sheet and strip conforming to IS 648:2006 or Fe based amorphous strip delivered in the semi-processed state conforming to IS 16585 under a Certificate of Conformity from the Bureau as per Scheme-IV of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 (w.e.f. 16 September 2020).

As per the extant Order [Steel and Steel Products (Quality Control) Order, 2020 vide S.O. 4637(E), dated 22.12.2020 and subsequent extensions], the date of enforcement for Stampings/laminations/ cores of transformers (with or without winding) is now 31.03.2021.

IS 16585 has also been brought under mandatory BIS certification vide the same QCO w.e.f. 22.12.2020.

In view of the above, the SIT in the Product Manual for IS 1180 (Pt 1) “Outdoor/Indoor Type Oil Immersed Distribution Transformers upto and including 2 500 kVA, 33 kV - Mineral Oil Immersed” has been updated to reflect the mandatory ISI certification of Amorphous core material as per IS 16585, and the necessity of CoC from BIS in case Stampings/laminations/ cores of transformers (with or without winding) are procured by transformer manufacturers.

The updated product manual **PM/ IS 1180/ 2/ February 2021 for IS 1180 (Pt 1) - Outdoor/Indoor Type Oil Immersed Distribution Transformers upto and including 2 500 kVA, 33 kV - Mineral Oil Immersed**, has been hosted on the BIS website under “Conformity Assessment → Product Certification → Product Specific Guidelines → Product Manual.

BOs are advised to send this Product Manual which incorporates Grouping Guidelines and SIT to all Applicants and Licensees within 7 days. The requirement of CoC Stampings/laminations/ cores of transformers (with or without winding) in the SIT comes into effect from 31.03.2021.

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Circulated to: All ROs/BOs