


Email**ETD DEPARTMENT**

RE: Draft document on Code of Practice for repair of distribution transformers, ETD 16

From : S Sudhakara Reddy <ssreddy@cpri.in> Wed, Feb 22, 2023 01:48 PM
Subject : RE: Draft document on Code of Practice for repair of distribution transformers, ETD 16  1 attachment
To : ETD DEPARTMENT <eetd@bis.gov.in>
Cc : Head Electrotechnical <heetd@bis.gov.in>

Dear Mr Neeraj,

The Draft document on Code of Practice for repair of distribution transformers is approved and you can proceed with document printing.

Regards

S SUDHAKARA REDDY

ADDITIONAL DIRECTOR AND HEAD-HIGH POWER LABORATORY

GROUP HEAD- CED&PSD.

PROJECT MANAGER-HPL PROJECTS

CENTRAL POWER RESEARCH INSTITUTE

PB NO.8066, SIR C V RAMAN ROAD

BENGALURU-560080

PH:080-22072515

From: ETD DEPARTMENT [mailto:eetd@bis.gov.in]

Sent: 17 February 2023 16:50

To: S Sudhakara Reddy <ssreddy.cpri@nic.in>; S Sudhakara Reddy <ssreddy@cpri.in>

Cc: Head Electrotechnical <heetd@bis.gov.in>

Subject: Fwd: Draft document on Code of Practice for repair of distribution transformers, ETD 16

Dear sir,

Please see the trailing mail.

It is requested to kindly review the attached draft document and may kindly provide your approval for sending the document for printing.

Thanks and regards,

Neeraj Kushwaha,

Scientist-B/Assistant Director,

Member secretary (ETD 16)

विद्युत तकनीकी विभाग | Electrotechnical Department

भारतीय मानक ब्यूरो | Bureau of Indian Standards

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From: "ETD DEPARTMENT" <eedt@bis.gov.in>

To: "S Sudhakara Reddy" <ssreddy.cpri@nic.in>, "S Sudhakara Reddy" <ssreddy@cpri.in>

Sent: Friday, January 27, 2023 4:25:25 PM

Subject: Fwd: Draft document on Code of Practice for repair of distribution transformers, ETD 16

Dear Sir,

This has reference to the discussion held during last meeting of ETD 16 on the draft document on repair of distribution transformers.

The finalized draft incorporating the changes agreed during the ETD 16 meeting and editorial/rephrasing of text in enclosed for your kind review. The draft has already been approved by Panel P-1 Convener for consideration of the ETD 16 Chair.

It is requested to kindly review the attached draft document and may kindly provide your approval for sending the document for printing.

Regards,

Shyam Kumar
Scientist C

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From: "mayur karmarkar" <mayur.karmarkar@copperalliance.org>
To: "ETD DEPARTMENT" <eetd@bis.gov.in>
Cc: "S Sudhakara Reddy" <ssreddy@cpri.in>, "Head Electrotechnical" <heetd@bis.gov.in>, "debdas goswami" <debdas.goswami@copperalliance.org>, "manas kundu" <manas.kundu@copperalliance.org>
Sent: Tuesday, January 24, 2023 1:38:41 PM
Subject: RE: Draft document on Code of Practice for repair of distribution transformers, ETD 16

Dear Shyam,
Congratulations on your new assignment in Deharadun, your hometown.

PFA the subject documents with a few edits as below.

1. The sentence in the foreword is suitably modified in absence of any official CEA publication.
2. Para introduced in the foreword is a good thought and be retained
3. For BDV value referring IS 1866 and dropping Silicon oil are accepted
4. Comments on table 6, Annex E is accepted so final

One question – Should we position this document as BIS's initiative toward the circular economy policy, promoting remanufacturing?

Best Regards,
Mayur

From: ETD DEPARTMENT <eetd@bis.gov.in>
Sent: 20 January 2023 17:35
To: Mayur Karmarkar <mayur.karmarkar@copperalliance.org>
Cc: S Sudhakara Reddy <ssreddy@cpri.in>; Head Electrotechnical <heetd@bis.gov.in>; Debdas Goswami <debdas.goswami@copperalliance.org>; Manas Kundu <manas.kundu@copperalliance.org>
Subject: Re: Draft document on Code of Practice for repair of distribution transformers, ETD 16
Importance: High

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Dear Sir,

Please find attached final draft document incorporating the following changes as discussed:

- a) IS 1866 has been referred for BDV value
- b) Foreword has been rewritten (please suggest failure rate as highlighted)
- c) Silicon oil has been deleted as same is also not covered in IS 1180-3
- d) Comments on Table 6 in Annex E

It is requested to kindly review the document and may please provide approval for putting it to ETD 16 Chair for final approval for printing.

Regards,

Shyam Kumar

Scientist C

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From: "mayur karmarkar" <mayur.karmarkar@copperalliance.org>

To: "ETD DEPARTMENT" <eedtd@bis.gov.in>, "S Sudhakara Reddy" <ssreddy@cpri.in>

Cc: "Head Electrotechnical" <heetd@bis.gov.in>, "debdas goswami"

<debdas.goswami@copperalliance.org>, "manas kundu"

<manas.kundu@copperalliance.org>

Sent: Monday, January 9, 2023 2:47:44 PM

Subject: RE: Draft document on Code of Practice for repair of distribution transformers, ETD 16

Dear Shyam,

The comments received by you as mentioned in the mail are all related to the same old comments on sandblasting, record keeping, and tolerance which were deliberated in detail in the last meeting of the Panel, and the consensus was reached. Therefore this attached doc with modifications incorporated may be sent for print.

We have gone through the draft and made changes as felt necessary concerning language (as per earlier discussion with Debdas & Manas) as well as the decision taken in the last meeting of the Panel/ETD 16 (as per minutes).

Please find attached the draft guidelines & the draft preface.

Best Regards,
Mayur

From: ETD DEPARTMENT <eedtd@bis.gov.in>

Sent: 23 December 2022 15:15

To: Mayur Karmarkar <mayur.karmarkar@copperalliance.org>; S Sudhakara Reddy <ssreddy@cpri.in>

Cc: Head Electrotechnical <heetd@bis.gov.in>

Subject: Draft document on Code of Practice for repair of distribution transformers, ETD 16

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Dear Sir,

With reference to the draft document on the repair of DTs, I have incorporated the changes agreed during the Panel P-1 and ETD 16 meeting.

It is requested to kindly review the changes made in the draft document and may please also review the language part of the highlighted text as well as the rephrased paras. Please also provide the BDV and acidity values from the relevant standards to be specified in the document and also the foreword highlighting the need for this standard and the important requirements covered.

Further, it is informed that comments have been received after the last panel meeting on the draft document. Undersigned's observations on the comments received are as below:

Comments received are on the sandblasting, tolerance values specified, record-keeping. These comments are similar to the comments earlier received on the draft document and the same were duly deliberated upon during the Panel meeting held on 19-10-2022.

It is requested to kindly review the attached document modified in line with the discussions held during Panel P-1 and ETD 16 meeting and also the comments received and may please suggest the way forward.

Regards,

Shyam Kumar

Scientist C / Deputy Director

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ezmdas2020@gmail.com, "divhei dhi" <divhei_dhi@gov.in>, "rajtransformer rtee" <rajtransformer.rtee@gmail.com>, transformerrepairingassociation@gmail.com, "uttam kumar" <uttam.kumar@jeema.org>, "itma 2006" <itma_2006@airtelmail.in>, rajtransformer@rediffmail.com, transformerrepairsassociation@gmail.com, tech@jainelectricals.com, admin@jainelectricals.com, "Thukaram K" <Thukaram.K@gmail.com>, amitkumar@mimaterials.com, "m yadav" <m.yadav@skipperseil.com>, "manas kundu" <manas.kundu@copperalliance.org>, "gopal nariya" <gopal.nariya@relianceada.com>, "fairdeal nsk" <fairdeal.nsk@gmail.com>, "virendra lakhiani" <virendra.lakhiani@gmail.com>, apkulkarni@savita.com, pkmukherjee09@yahoo.com, "thukaram" <thukaram.k@hitachimetals.co.in>, "sukalyan ghosal" <sukalyan.ghosal@rp-sg.in>, epurchase06@rediffmail.com, sepurchase123@gmail.com, cepurez@yahoo.com, "sepurchase ho" <sepurchase.ho@mpwin.co.in>, sepurchase06@gmail.com, "Reeta Haldar" <agmproc2@gmail.com>, "CGM(HR &A)" <aspkez@gmail.com>, "CGM(Pur-EZ)" <cepurez@yahoo.in>, "rishabh joshi" <rishabh.joshi@jeema.org>, "bansala eng" <bansala_eng@yahoo.co.in>, mpczrnd@gmail.com, cgmproccz@gmail.com, asianelectricals75@gmail.com, storecircle06@gmail.com, ajaysanghi@shrikrna.com, anjanagoyal12@gmail.com, "mepl prasad" <mepl.prasad@gmail.com>, "mukesh1966 kumar" <mukesh1966.kumar@gmail.com>, "rupeshak 1990" <rupeshak.1990@gmail.com>, ashishshroff15@gmail.com, "rajarshi ghosh" <rajarshi.ghosh@rpsg.in>, "HEI Division" <divhei-dhi@gov.in>, "DGMPROCUREMENT" <dgmp2.cz@mp.gov.in>, areastorebhopal@gmail.com, "cmdwz indore" <cmdwz.indore@gmail.com>, "mdcz bhopal" <mdcz.bhopal@gmail.com>, cmdeast@hotmail.com, "fairdeal nsk" <fairdeal_nsk@dataone.in>, imrankhan00123@gmail.com, mishranehu12@rediffmail.com
Cc: "mayur karmarkar" <mayur.karmarkar@copperalliance.org>, "S Sudhakara Reddy" <ssreddy@cpri.in>

Sent: Wednesday, November 30, 2022 5:48:39 PM

Subject: Minutes of the 04th meeting of P1 - Panel for the repair of distribution transformers held on 19-10-2022, ETD 16

Dear Panel Member,

Minutes, duly approved by the Chairperson, for the meeting of the ETD 16 : P1 - Panel for the repair of distribution transformers held on 19-10-2022 at BIS HQ have been uploaded on the BIS-Connect portal.

Last date of comments: **07th December 2022**

Comments, if any, confined to the accuracy of the recording, may please be sent to the undersigned at the earliest. If no reply is received by the above-mentioned date, we will presume your concurrence with the minutes as recorded.

Thanking you,

Regards,

Shyam Kumar

Scientist C / Deputy Director

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