



Dear Readers,
Colleagues and Friends...



We are thankful for your support in the activities of ITMA and hope your patronage will continue for further growth in the Business of Transformer and Allied Industries. Besides, Readers, Colleagues and Friends are requested to share with us any News/Report or suggestions they may consider appropriate for printing in the News Letter.

B. Lal
(B. LAL)

Director General



MEETING WITH BIS OFFICERS FROM CERTIFICATION DEPARTMENT CMD-3 ALONG WITH REPRESENTATIVE FROM TEST HOUSE i.e. CPRI AND ERDA FOR RESOLVING THE ISSUES OF GROUPING GUIDELINES FOR CERTIFICATION AND OTHER RELATED ISSUES ON 27TH MAY 2016 AT ITMA OFFICE, VAISHALI

Following were present : –

BIS	CPRI	ERDA
Mr. Varghese Joy DDG	Mr. Anupam Awasthi Jt. Director	Mr. Brijesh Sachdeva Senior Executive
Mr. N. Shivanandan Sc.E & Head (CMD-3)		Mr. Gaurav Sharma
Mr. Sudanshu Rai		



President ITMA welcomed the guests from BIS, CPRI and ERDA and thanked them for sparing their valuable time in joining the meeting of ITMA to discuss the problems of the stakeholders with respect to grouping guidelines for BIS certification as per IS:1180 Part 1/2014. He requested the members to discuss their grievances with the guest faculty from BIS, CPRI and ERDA.

The meeting was fruitful and various issues and concerns with respect to BIS certification and testing of DTs at CPRI and ERDA were discussed and some issues were amicably thrashed out. The issues discussed/thrashed are hereunder for issue of necessary clarification by BIS.

1. "The revised BIS guidelines for certification dated 30th November 2015 needs stream lining to speed up the licensing programme by way of restoring to the grouping guidelines.
2. Grouping of DT's for certification of voltage class 11KV, 6.6 KV and 3.3 KV at one level i.e. 11 KV for all ratings.
3. As per clause-5, of revised guidelines dated 30.11.2015, the manufacturer has to get each rating of DTs type tested (even though he has the valid BIS licence as per the grouping guidelines), from BIS recognized test house for ensuring their conformity before applying BIS certification/mark on them.



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- (a) Since the type testing for other ratings of DTs awarded for supply has to be conducted by the manufacturers before supply to the utility/discoms., In such case a relaxation of 3 months may be allowed for submission of the type test report after submission of undertaking by manufacturer.
- (b) BIS, during the preliminary inspection of the works of the manufacturers/applicant certify their testing laboratory for requisite testing facilities as per IS:1180 Part 1/2014, which is a prerequisite for grant of licence, the manufacturer may be permitted to conduct in-house type tests viz. temperature rise and pressure test, for which they are having the facilities for conducting the same, when these in house tests are being accepted by the utilities/discoms.
- (c) Type tests conducted by the manufacturer on the DTs during the last five years as per practice, be accepted (though the Indian Standard for DTs IS:1180 Part 1/2014 was notified in July 2014), which have conducted on the DTs as per the BEE's S&L programme for star rating notified in February 2010. The parameters for type tests for DTs as per BEE notification and BIS notification according to IS:1180 Part 1/2014 (upto 200 KVA rating) are the same, more so when it is better in BEE Star Rating Distribution Transformers where insulation level is 95 KVp against 75 KVp in BIS. As such guidelines be modified for acceptance of such type test reports.
4. The type test charges at the test labs of CPRI and ERDA for the distribution transformers samples sent by BIS for testing are very nominal whereas the samples sent directly by the manufacturer for testing for BIS certification of the other ratings of DTs as per the guidelines dated 30th November 2015, are much higher. The testing charges should match with the rate allowed to BIS, for the DT's being sent for type testing, for certification purposes by the manufacturers directly.
5. CPRI and ERDA are required to reduce the testing time of the samples forwarded by BIS or sent by the manufacturer directly for certification of DTs as per the quality control order. Further BIS may consider to empanel additional NABL approved test laboratories for testing the samples of the DTs as per IS:1180 Part 1/2014, for certification.
6. External fittings or mounting arrangement can be as per BIS or as per customer requirement. The necessary amendment in guidelines to this effect also be issued.

ITMA has accordingly requested BIS to issue necessary clarifications w.r.f. grouping of samples in the revised guidelines of BIS for certification dated November 2015 and other related issues, which is awaited.

RELAXATION FOR THE IMPLEMENTATION DATE OF THE QUALITY CONTROL ORDER ON ELECTRICAL TRANSFORMERS, FOR CONFIRMED CONTRACTS/PURCHASE ORDERS ISSUED AFTER 7TH MAY 2015 AND PRIOR TO 1ST FEBRUARY 2016 BY DISCOMS/UTILITIES.

Department of Heavy Industries (DHI) was repeatedly requested to allow the supply of DTs against the confirmed contracts /purchased

orders placed by the utilities/discoms on transformer manufacturers/our members, prior to date of implementation of the quality control order i.e. 1st February 2016 and after 7th May 2015, i.e. issue of the Quality Control Order without BIS certification/markings.

After great personation, DHI has relaxed the Quality Control Order on Transformers for the confirmed purchase orders of Distribution Transformers issued by Discoms/Utilities/EPC contractors/consultants prior to 1st February 2016 and after 7th May 2015 without any BIS certifications/markings. The order is reproduced as under.

F. No. 5(2)/2009-PE-XI (Vol. III)
Government of India
Ministry of Heavy Industries & Public Enterprises
Department of Heavy Industry
PE-XI Section

New Delhi, Udyog Bhawan
Dated: 06.06.2016

OFFICE MEMORANDUM

Sub: Extension of Electrical Transformers (Quality Control) Order, 2015.

The undersigned is directed to refer to this Department's O.M. of even no. dated 01.03.2016 vide which it was decided to extend the date of implementation of the Electrical Transformers (Quality Control) Order, 2015 till 01.08.2016 only for supply against the confirmed purchase orders issued prior to the date of issue of Electrical Transformers (Quality Control) Order, 2015 i.e. 07.05.2015.

2. In this regard, it is informed here that references were received from various stakeholders to avail the supplies against the old contracts which were placed prior to 01.02.2016 instead of 07.05.2015, without BIS certification.

3. This issue has been examined in this Department and with the approval of competent authority, it has been decided to allow the manufacturers to execute the supplies against the confirmed purchase contracts which were placed prior to 01.02.2016 instead of 07.05.2015, without BIS certification.

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TESTING OF DTS SEPARATELY BY BIS AND BEE FOR THE RESPECTIVE CONFORMITY /MARKING SCHEMES OF THE SAME PRODUCT. MATTER AGAIN TAKEN UP WITH MOP - MULTIPLE AGENCY.

Before the notification of the mandatory certification of DTs through a Quality Control Order on Electrical Transformers dated 7th May 2015 issued by DHI, which has come into force w.e.f. 1st February 2016 as per the revised Indian Standard for DTs IS:1180 Part- 1/2014 the DTs were already under BEE's mandatory star and labeling programme for star rated energy efficient DTs . Now there are two agencies i.e BEE and BIS for ensuring the quality of energy efficient DTs. Transformer manufacturers are required to adhere to both the Government agencies for the same requirements due to notified regulations for compliance.

ITMA has been requesting MOP to allow only BIS certification/markings since the distribution transformer is not a house hold gadget but a capital goods equipment being purchased by utilities/discoms against specific requirement / specifications after conducting the routine/



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type/acceptance test as per the relevant Indian Standard and as per their requirement.

As such the manufacturers should only be responsible to one agency i.e. BIS for quality of energy efficient Distribution Transformers as per IS: 1180 part- I /2014, to avoid duplicity of work by two authorities in order to afford relief to our members in respect of cost and time. The issue was again discussed with Shri A. K. Verma, Jt. Secretary, Ministry of Power, on 7th April 2016 who assured to get it resolved.

ITMA has again taken up the matter with Hon'ble Union Power Minister, for getting the directions, [given by him during the inaugural function of ITMA's International Conference on Transformers, at Mumbai on 5th June 2015] implemented as almost one year has passed.

IMPORT OF PRIME CRGO MATERIAL IN THE COUNTRY IS FROM THE MAJOR PRODUCERS OF CRGO WHO HAVE ACQUIRED THE BIS LICENCE. MOST OF THE FOREIGN MANUFACTURERS DO NOT SELL THEIR MATERIAL DIRECTLY TO THE INDIAN CUSTOMERS AND HAVE APPOINTED WHOLLY OWNED SUBSIDIARY/COMPANY WHO IS FULLY AUTHORIZED TO DEAL WITH THE INDIAN CUSTOMERS.

Department of Revenue Intelligence (DRI) had seized/impounded the prime material of some of our members, because the CRGO material was purchased by them from the authorized subsidiary of BIS registered/ licenced CRGO manufacturing company. The matter was taken up with MoS who has issued a letter to Jt. Secretary, Customs dated 1st March 2016, in this regard, clarifying that the authorized dealer/agent/subsidiary is not required to obtain separate BIS licence, but are required to sell, distribute only BIS certified /marked material. Accordingly DRI released the seized material/goods of our members.

Members are still in a fix whether the CRGO material purchased from the processors which is duly BIS certified/marked, would also be allowed/permitted with the traceability of the material from the manufacturer having requisite valid BIS license to the processors with requisite documents. This matter has also been refer to Ministry of Steel for clarification.

DRAFT GUIDELINES FOR REPAIR AND MAINTENANCE OF OUTDOOR POWER AND DISTRIBUTION TRANSFORMERS, AS CIRCULATED BY BIS, HAS BEEN RE-CIRCULATED TO THE MEMBERS FOR THEIR COMMENTS.

The document on repair and maintenance of power and distribution transformers prepared by BIS sub-committee has been forwarded for comments from members which might have gone through by the members. The comments/observation of the members would help in preparing this document as per the field practices .

Comments/observations from some of the members have been received, but others are also requested to offer their comments of this vital document.

INTERNAL CIRCUIT BREAKER (ICB) IN DISTRIBUTION TRANSFORMERS UP TO 200KVA RATING HAS BEEN TAKEN UP WITH BIS FOR INCLUDING IN THE IS:1180 (PART-I 2014) AS AN OPTIONAL ACCESSORY /ITEM OF THE DISTRIBUTION TRANSFORMERS.

As per the mandate of MOP's order dated 14th August 2015 for procurement of high value and major equipment for DDUGJY & IPDS projects two committees were constituted for procurement of quality equipment at reasonable price. Committee A was required to finalize the technical specification of the major equipments/material and the Committee B was to carryout bid processing through e-tendering under reverse bidding mode to evaluate bids and finalize rate contracts. It was also mandatory for all states to follow the technical specifications finalized by Committee A.

After finalizing the technical specifications of Distribution Transformers, the price bids from the empaneled vendors are required to be called as per the technical specifications approved by Committee A. ITMA had requested Committee A, to include Internal Circuit Breaker (ICB) as an internal protection to the transformer but the same was not agreed as it was not the part of the specifications, of Indian Standard IS:1180 Part 1/2014 . It was suggested to get it included in the Indian Standard so that it could be the part of the specifications. The matter was accordingly taken up with BIS for including ICB in the Indian Standard IS:1180 Part 1/2014 as an optional accessory item of the DTs. After great persuasion at MoP level and BIS the meeting was convened, of the sub-group panel P-II of ET 16 of BIS on 4th April 2016 wherein it was agreed that this item would be included in the Indian Standard on Distribution Transformers IS: 1180 Part 1/2014, with some testing requirement etc.

The item is still under deliberations with BIS ETD-16 Technical Committee.

UNIFORMITY OF SPECIFICATIONS OF DISTRIBUTION TRANSFORMERS AND TRANSFORMER FOR SUB-TRANSMISSION SYSTEMS, HAS BEEN TAKEN UP WITH MOP & CEA.

ITMA has been propagating for the uniformity of the specifications of the equipment i.e. Power and Distribution Transformers across the country with all utilities /discoms so that quality product at reasonable price is available which would also allow the inter changeability/ replacement of Transformers without any modification in the existing foundation/structure at site thus reduce the down time for restoration of power supply in case of replacement of burnt/damaged power/distribution transformers. Moreover the inventory of each discoms/utility would also get reduced and parts would be easily available with the sister discoms, in the states.

Even this has been stressed by CEA after the issue of the quality control order on Electrical Transformers dated 7th May 2015 vide their Letter No. CEA/DPD/PFA/2015/1383-1490 dated 26th May 2015, addressed to all the Discoms/Utilities/Electricity Boards and all the Power Departments of the states across the country.

ITMA has also requested the Discoms/Utilities, to get the specification of Distribution Transformers arranged as per IS 1180 (Part I) 2014 for uniformity due to Quality Control Order on electrical transformers implemented with effect from 1st February 2016 but they are still following their own specification. This issue was also discussed with Shri A. K. Verma, Jt. Secretary, Ministry of Power, on 7th April 2016, who assured to get it resolved.



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Empanelment of vendors by PGCIL for high value equipments/items for DDUGJY and IPDS schemes

Power Grid (PGCIL) has issued a notice inviting request for empanelment(RfE) of manufacturers for various high value equipments/items namely power transformers, distribution transformers etc. for DDUGJY and IPDS schemes. RfE documents is available from 9th May 2016 to 9th June 2016 at www.tcil-india-electronictender.com – The notice has already been circulated to the members.

ADMISSION OF NEW MEMBERS

The following new companies/ manufacturing units had applied for enrollment for ITMA Membership along with necessary payment towards admission & subscription fees. The council agreed to admit these into ITMA's fold.

SL.	Name of the Company	Manufacture of
1	M/s Electro-Tech Transmission Pvt. Ltd. Survey No. 313, Plot No.38, Khandelwal Compound, Nemawar Road, Palda, Indore-452020 (M.P.)	Distribution Transformers
2	M/s Indian Oil Corporation Ltd. U.P. State Office II E-8, Sector 1, Noida, UP	Transformer Oil, Lubricants, Petroleum Products including fuels and petrochemicals
3	M/s Ambika Transformers G-232-A, Matsya Indl. Area (MIA), Alwar-301030 Rajasthan	Distribution Transformers

ITMA'S GOLD MEMBERSHIP

In the last AGM of ITMA held on 25th February 2016 it was recommended that a gold membership be created for desirous members who opt for this privileged membership with additional benefits/facilities with annual membership contribution of Rs 1,00,000. The benefits/facilities to be available to such members shall include free advertisement in ITMA website, full page colour advertisement in ITMA's Bi-monthly journal and ITMA's News letter, advertisement in ITMA's Directory besides use of ITMA's conference room for meetings/training programme/workshop etc. without any extra charges. Accordingly ITMA had requested for option of members for the same and have received an encouraging response. The following members have opted for the gold membership.

- 1) M/s PME Power Solutions (India) Ltd., Greater Noida
- 2) M/s Hitachi Metals (India) Pvt. Ltd., Gurgaon
- 3) M/s PETE-Hammond Power Solutions Pvt. Ltd, Hyderabad
- 4) M/s Toshiba Transmission & Distribution Systems (India) P. Ltd., AP
- 5) M/s Savita Oil Technologies Limited, Mumbai
- 6) M/s Columbia Petro –Chem Pvt. Ltd., Mumbai

- 7) M/s Cargill India Private Limited, Gurgaon
- 8) M/s Easun MR Tap Changers (P) Ltd, Chennai
- 9) M/s Kotsons Pvt. Ltd., Agra
- 10) M/s M&I Materials India Pvt. Ltd, New Delhi
- 11) M/s Prime Meiden Limited, Gurgaon
- 12) M/s Stanelec Private Limited, Kolkata
- 13) M/s Sai Electricals, Meerut
- 14) M/s Shirdi Sai Electricals Ltd, A.P
- 15) M/s Trinity Transformers, Secunderabad
- 16) M/s Raj Petro Specialities Pvt. Ltd, Mumbai
- 17) M/s CBS Technologies Pvt. Ltd, Delhi
- 18) M/s CTR Manufacturing Industries Ltd, Pune

Whereas following members have also indicated their willingness to opt for the gold membership, their confirmation is still awaited.

- 1) M/s E.I. Dupont India Pvt. Ltd, Mumbai
- 2) M/s Viajai Electricals, Hyderabad
- 3) M/s Hindustan Petroleum Corporation Ltd, New Delhi
- 4) M/s Nucon Switchgears Pvt. Ltd, Ludhiana
- 5) M/s Mahashakti Energy Ltd, Bathinda
- 6) M/s Esennar Transformers Pvt. Ltd, Medak
- 7) M/s Alfa Transformers, Bhubaneswar.
- 8) M/s Vijaya Mercantile, New Delhi

ITMA'S NEWS LETTER

To keep abreast with the activities, having been taken up by the ITMA for the benefit of its members, a communication is the only way to keep them updated. President ITMA took the initiative to issue 1st such letter in January 2011 and till date, which was well appreciated by all.

In order to keep ITMA Secretariat up-to-date with the latest information of the utilities and Transformer Manufacturers in the State, all the office bearers/members of the association as well as the SEBs/Utilities and PSUs may forward the following information to ITMA secretariat, which shall be printed in the forthcoming News Letter for the information of all.

- 1) Any important event in respective areas along with transfer/posting of senior officers of the utilities in the state.
- 2) Any achievement of the ITMA members.
- 3) Invitation of tenders for transformers etc. by the Utilities.
- 4) Any other important news/Notifications/Circulars for the benefit of the transformer industry.

Kindly do the needful and hope to receive favorable response immediately so that we may publish the same in our forthcoming Newsletters.

For further information, please approach ITMA secretariat well in advance and seek information:

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