



# NEWS

## INDIAN TRANSFORMER MANUFACTURERS ASSOCIATION

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Dear Readers,

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 Newsletter.

### TRAFOSEM - 2017

You are kindly aware that the Indian Transformer Manufacturers Association (ITMA) which is an all India body representing 90% production of the Transformers in the country with an objective of promoting the interest of Transformer Manufacturers and its Allied Industries and to voice the problems of the Industry with the Government of India, State Governments, State Electricity Boards and the Utilities. It is committed to strengthening, improving and to overcome the hardships of the industry in the wider perspective of national interest.

ITMA is honored to inform you that Central Government PSUs and Association of repute/stature viz CEA, PFC, RECL, BEE, BIS, CPRI, NTPC, BBMB, ERDA, ICA, CBPI, NPTI, ASSOCHAM and India Energy Forum have joined us to support in organizing the subject 14th International Conference on 5th May 2017 in SCOPE CONVENTION CENTRE AUDITORIUM, Scope Complex, Lodhi Road at New Delhi as hitherto was supported in the last 13th International Conference on Transformers at Mumbai, which was inaugurated by Shri Piyush Goyal, Hon'ble Union Minister of State for Power, Coal and New and Renewable Energy, Government of India. The event was a grand success with participation of more than 350/400 delegates both at National & International level and was commended by all in the Power Sector.

In order to make this occasion a gala and befitting International event, you are requested to contribute Technical Papers, nomination of Participants as delegates (There is no participation/delegate fee), advertisements for Special Issue and Booking of stalls etc. so as to take advantage of this unique opportunity of International gathering on transformer technology and challenges for Indian Power Sector which shall be discussed in the conference.

### OUR EMINENT SPONSORS WHO HAVE CONFIRMED THEIR COMMITMENT AT THE CONFERENCE:

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I feel honored in inviting you to attend this conference or nominate a senior official from our organization to attend. Your presence and inputs will greatly enrich the deliberations.

You may share this information with your team members and others for nominating delegates so as to take maximum benefit out of the International Conference.

(B. LAL)  
Director General

**RETURN THE ORIGINAL TEST REPORTS TO THE APPLICANT AND MAY KEEP CERTIFIED COPY OF THE TEST REPORTS FOR RECORDS FOR THE DTS FOR THE RATINGS /VARIETIES OF TRANSFORMERS WHICH ARE COVERED IN THE SCOPE OF LICENCE BY VIRTUE OF GROUPING GUIDELINES dated 28th June 2016.**

ITMA had requested BIS vide letter dated 10th June 2017 as reproduced, "This has reference to the BIS guidelines for certification of DTs as per IS:1180 Part 1/2014 dated 28th June 2016 which call for an undertaking from the applicant for the ratings/varieties of DTs which are covered in the scope of licence without testing by virtue of grouping guidelines as per Para 1 (i), subject to producing the test reports from the recognized laboratories for conformity to BIS for records. It has been reported by our members that BIS is asking for original test reports for their records whereas the original test reports are required by our members for participating in the tenders, more so the tests are conducted by our members on the transformers themselves as such the original test reports should be the property of our members. The certified copy of the test reports should suffice the requirement of BIS for records for the ratings /varieties of transformers which are covered in the scope of licence by virtue of grouping guidelines ."

You are requested to kindly issue necessary instructions/directions to the regional/zonal BIS offices to return the original test reports to the applicant and may keep certified copy of the test reports for records for the DTs for the ratings /varieties of transformers which are covered in the scope of licence by virtue of grouping guidelines."

ITMA received a reply from Mr. A R UNNIKRIISHNAN, Head (CMD III, BIS and the same is reproduced below for information.

"With reference to your (ITMA's) trailing mail, the following has been approved by the Competent authority of the Bureau to ensure conformance as per Clause I 1(i) of the guidelines

- (a) Manufacturer may submit Original Test Report to BIS to ensure conformance as per Clause I 1(i) of the guidelines.
- (b) If the Manufacturer requests for returning the Original Test report , BIS may return the same after retaining a copy duly attested by the Dealing Officer (with legible signature and stamp).

- (c) However, due to any reason, if the Manufacturer is unable to produce Original Test report to BIS, he/she may obtain additional copy of Test Report authenticated by the laboratory and submit to BIS.

**EMERGENCY EXECUTIVE COUNCIL MEETING HELD ON 6TH JANUARY 2017 AT ITMA'S OFFICE, VAISHALI, GHAZIABAD.**

President ITMA informed the members the purpose of calling the emergency meeting of the council by pointing out that due to the Notification No. SO.4062 (E) dated 16th December 2016 issued by MoP, vide which amendment in the Notification No. S.O.185 (E), dated 12th January 2009 substituting and up- rating the losses for star ratings of DTs i.e. old star 4 of BEE or level 2 of BIS to star 1 and old star 5 of BEE or level 3 of BIS to star 2 and so on. The notification was circulated to the members on 22nd December 2016 for information and subsequently vide Letter dated 26th December 2016 sending therewith the various correspondences including minutes of meetings held in BEE Technical committee on 5th May 2014 and 13th November 2014 which led to the issue of notification dated 16th December 2016. Copy of MoM of the ITMA Executive Council Meeting in which the BEE's Technical committee decision was endorsed, was also forwarded to the members. Members were requested for their response for the action to be taken by ITMA for addressing the issue regarding notification of MOP dated 16th December 2016 for up-rating BEE's Star Labels effective from 1st January 2017. Since there was no response from the members, ITMA suo-motucalled an emergency meeting of the executive council and others. President ITMA requested the members to give their views on the issue of Dual Certification of DTs by BIS and BEE in addition to the notification dated 16th December 2016 of MoP.

Members were of the view that we should again strongly take up with the authorities after seeking the legal opinion whether provisions of star labelling of DTs by BEE are mandatory under Energy Conservation Act especially when DTs are already covered under mandatory certification by BIS where the various parameters including losses etc are tested/verified as per IS 1180.

Shri K.N. Singhal of Transtron Electricals Pvt. Ltd, informed the house that he has received a communication from SE (MM), PVVNL intimating the revision of the existing tenders of star rating 3 to the star rating 3 as per the new notification dated 16th December 2016 . Further other members also mentioned that the utilities have stopped the inspections of the existing orders due to this notification dated 16th December 2016 of MoP. President ITMA informed the house that the ITMA secretariat shall take up the issue with the concerned authorities accordingly.

President ITMA summed up the discussions and decisions of the meeting as under:

- a) To send letter to BEE/MoP on the following points.
  1. Existing orders shall be exempted from the implementation of the notification dated 16th December 2016 for the orders placed or under process before 30th December 2016.

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2. Date of implementation of the notification dated 16th December 2016 to be effective from 1st January 2018.
  3. The Technical parameters, including the testing procedures for the DTs under gazette notification 16th December 2016 shall comply with the Indian Standard IS:1180 Part 1/2014 only including BIS guidelines for obtaining BIS certification.
  4. There should be proper calendar of BEE for progressive shifting to higher energy efficiency star ratings for DTs so that the stake holders make themselves ready for the adoption.
- b) To take up the issue with PVVNL about the applicability of star 3 rated DTs as per the notification dated 16th December 2016 in the existing tenders under process/issue.
  - c) To prepare a note for seeking legal opinion for the applicability of Dual Certification of BEE and BIS on DTs.
  - d) To seek an appointment with Hon'ble MoP for meeting of joint delegation from ITMA and IEEMA, after obtaining the legal opinion.
  - e) To take up with BIS that the original type test certificate should be returned to the members for the DTs which are covered in the scope of licence without testing by the virtue of grouping guidelines, submitted by the members to BIS as a matter of conformity for BIS record.

**MANDATORY DUAL CERTIFICATION FOR DISTRIBUTION TRANSFORMERS FROM BEE & BIS FOR ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS UNDER IS:1180- REQUEST FOR SIMPLIFICATION OF PROCEDURE OF "EASE OF DOING BUSINESS"**

ITMA again wrote a letter to Hon'ble Union Power Minister regarding mandatory dual certification of Distribution Transformers. The BEE's Letter No. BEE/S&L/RTI/67/2016-17/ 6554-57 dated 9th December 2016 in response to the PMO's Reference No. PMOPG/D2016/0326497 and PMOPG/D/2016/ 0326487 dated 2nd November 2016, on the subject. ITMA had circulated this letter to its members for their observations/advice. Our members have strongly felt that the Distribution Transformer is the only product/item under the mandatory dual certification from BEE and BIS for the same purpose of manufacture/supply of quality and energy efficient transformers as per IS:1180 Part 1/2014 which is a great impediment and requested that only one agency i.e. BIS should be mandated for certification of DTs for ease of doing business.

BEE in its letter dated the 9th December 2016 has reiterated the decision taken in the meetings with Jt. Secretary, Ministry of Power and even with your goodself on 13th July 2016 and therefore are not acceptable to the members of the Association, which resulted in making an appeal to the highest authority at the level of Hon'ble Prime Minister. It appears that the reasons given in the appeal has not been appreciated at the level of MoP. Govt. of India is advocating world over for allowing business with ease in India which

tantamount only applicable to foreign entrepreneurs but such a mantra is not applicable to Indian Industries which is patently against the norms for giving impetus to the local industries.

Authorities were requested that the following points may be looked into dispassionately for rendering justice to the transformer industry for allowing only one agency for certification.

- All the testing procedures to be followed for taking certification for any size/rating from BEE and BIS are the same.
- In fact BEE follows all the testing procedures as laid down by BIS in their various IS.
- The DTs have to be manufactured, supplied and purchased only as per IS 1180 Part 1/2014, for BIS & BEE.
- BEE having only one central office in Delhi is controlling whole Indian Transformers Industry, whereas BIS has got its own Regional and Zonal offices across India thus leading to a more efficient working.
- BEE Charges Rs 100/- per transformer irrespective of size of the same. BIS Charges Rs 3 per KVA per job. e.g. for a 16 KVA Job BEE would take Rs 100/- per job and BIS would take 16 KVA x Rs3 = Rs 48/- per job and on the contrary for a 200 KVA Job BEE would still take Rs 100/- but whereas BIS would take 200 KVA x Rs 3 = Rs600/- per job. This double marking fee is ultimately a burden on State Utilities or private customers.
- Till 31.12.2016 scope of BEE was limited from 16 KVA to 200 KVA 11 KV Class Transformers and BIS upto from 6.3 KVA to 2500 KVA 11, 22 & 33 KV Class including single phase transformers as well. Since 01.01.2017 scope of BEE has been raised from 16 KVA to 2500 KVA 11 KV Class Transformers. BIS has much wider scope as compared to BEE.
- Till 31.12.2016 Transformer Losses of BEE 3 Star, 4 Star & 5 Star Transformers were equivalent to those of Level 1, Level 2 & Level 3 Transformers as per BIS respectively.
- From 01.01.2017 as per new table in notification Dt 16.12.2016 of BEE, 1 Star and 2 Star transformers losses now stand equal to the losses of Level 2 & Level 3 Transformers as per BIS.
- BEE is only concerned with end results of transformer like losses whereas for a transformer to be certified by BIS the manufacturer has to take care of all the raw materials also which need to be of a particular standard or BIS certified as defined by BIS.

It would be appreciated from the above comparison of requirements between BIS & BEE ultimate rigmarole of BIS is the main nucleus which takes care of BEE as well. As such one agency which enforces rigorous requirements should be opted.

It has been emphasized time and again that BEE's star labeling programme is generally for household items which helps in awareness of consumers before

purchase of energy efficient electrical appliances/equipment from the open market as the consumer has no means to check the quality/ efficiency of the product and therefore he could mainly rely on the star label provided by manufacturer on the basis of BEE's certification. Whereas the DTs are not a consumer item but a capital goods item being procured/used by the Govt. utilities/discoms and EPC contractors as per the approved technical specifications contained in tender documents as per IS:1180 Part 1/2014 and are supplied by the manufacturers only after inspection and testing of the transformer at the works of the manufacturer which are also being tested separately at the BIS recognized Test Laboratories before supply. It is prudent to note that one equipment i.e. DT is required to be manufactured as per IS: 1180 Part 1/2014 has to be certified by two agencies i.e. BEE and BIS for the same goal for providing Energy Efficient DTs as per the notifications in vogue.

In view of the forgoing authority was again requested to look into the matter and consider the applicability of only one of the agencies for mandatory certification of DTs for manufacture and supply of quality and energy efficient DTs as per IS:1180 Part 1/2014 which not only help in doing ease of business but will also save establishment charges of one of the Department of Govt. of India. Besides this will further have following benefits and thus will reduce wastage of time and money.

- (i) To save establishment charges of one of the Department of Govt. of India.
- (ii) To save the drill of transformer manufacturers staff to attend to the requirements of BEE & BIS.
- (iii) To save additional expenditure of transformer manufacturers by way of registration fee, marking/labeling fee for each unit of transformer produced/manufactured.
- (iv) To save the transformer manufacturer from carrying out drill of getting renewal of registration separately with BIS & BEE by incurring hefty fee.

**(I) REGISTRATION OF THE TRANSFORMER MANUFACTURERS FOR BIS CERTIFICATION OF DTS AS PER IS:1180 PART 1/2014 FOR ISSUE OF LICENCE AS PER THE MANDATE OF QUALITY CONTROL ORDER**

**(II) IMPLEMENTATION OF REVISED STI TO IS 1180 PART 1/2014 (DOC: STI 1180 PART-1) 4, OCTOBER 2016) (INCORPORATING AMENDMENT NO.1)- EFFECTIVE FROM 28TH FEBRUARY 2017.**

In reference to our correspondence on the issues to BIS, as above , a meeting was held with CMD-III of BIS on 10th February 2017 to resolve the issues under reference and following has been agreed.

- i) BIS has agreed to return the original type test report to the manufacturers after verifying and keeping a certified copy for their records for the ratings/varieties of DTs which are covered in the scope of licence without testing by virtue of grouping guidelines Para I(i) dated 28th June 2016. The necessary instructions/directions shall be issued to all the Zonal/Regional BIS offices by CMD-III , Headquarters at Delhi in this regard.
- ii) Regarding request for extension of the date of implementation of the revised Scheme of Testing and Inspection (STI) dated 4th October 2016 for DTs as per IS:1180 Part 1/2014 incorporating Amendment No.1, with immediate effect, it has been mentioned by CMD III that the same is under consideration and after receiving the necessary supporting data regarding orders /contracts pending under execution with the manufacturers which have been placed prior to issue of the revised STI dated 4th October 2016. Members are accordingly requested to provide

the necessary data of pending contracts under execution which have come under the ambit of revised STI issued by BIS, so that the same could be provided to BIS on priority for their necessary action .

Letter of BIS dated 13th February 2017 to its regional/branch offices in response to our letter is as reproduced here under :-

“This has reference to the BIS guidelines for certification of DTs as per IS:1180 Part 1/2014 dated 28th June 2016 which call for an undertaking from the applicant for the ratings/varieties of DTs which are covered in the scope of licence without testing by virtue of grouping guidelines as per Para 1 (i), subject to producing the test reports from the recognized laboratories for conformity to BIS for records. It has been reported by our members that BIS is asking for original test reports for their records whereas the original test reports are required by our members for participating in the tenders, more so the tests are conducted by our members on the transformers themselves as such the original test reports should be the property of our members. The certified copy of the test reports should suffice the requirement of BIS for records for the ratings /varieties of transformers which are covered in the scope of licence by virtue of grouping guidelines .

You are requested to kindly issue necessary instructions/directions to the regional/zonal BIS offices to return the original test reports to the applicant and may keep certified copy of the test reports for records for the DTs for the ratings /varieties of transformers which are covered in the scope of licence by virtue of grouping guidelines”.

**REGIONAL CONFERENCE / SEMINAR ON 'STANDARDIZATION, CERTIFICATION, QUALITY CONTROL ORDER AND TESTING OF DISTRIBUTION TRANSFORMERS ON 10TH MARCH 2017 AT BHOPAL, IN MP.**

ITMA along with International Copper Association India (ICAI) are jointly organizing a Workshop on improvement in manufacturing practices of DTs, guidelines on operation and maintenance for reduction of failure rate of DTs and improvement of energy performance of DTs in the form of an interactive session with the utilities and transformer manufactures of Central India.

The seminars/workshops have been arranged at various parts of countries for spreading awareness amongst the utilities for aligning/adopting their specifications for Distribution Transformers as per the Indian standard IS-1180 Part 1/2014 for uniformity at National Level which has the obvious advantages, besides the BIS certification as per Quality Control Order and Energy Efficiency. ITMA, ICAI are committed to extend support to BIS to facilitate in organizing the seminars to create awareness about standardization activity and improvement of standards from time to time. We are also requesting experts from CEA and CPRI/ERDA/NTH to enlighten the gathering on regulations and testing etc. on Distribution Transformers.

The workshop on“QUALITY CONTROL ORDER, CERTIFICATION, ENERGY EFFICIENCY AND RELIABILITY OF DISTRIBUTION TRANSFORMERS AND OTHER RELATED ISSUES” shall be held at Bhopal, where Sr. Engineers/ Officers from all Govt. departments and Utilities/Discoms from Central India shall participate. Such an event would prove useful for all to provide reliable & quality power supply to end consumers.

All MP Transformer Manufacturers have been requested to arrange to send the nomination of the delegates for the workshop/seminar. so that the issues are deliberated and discussed in an open house for arriving at the remedial measures for ease of doing business and in order to maintain continuity of reliable and quality power supply.



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