

THIS REGULATION REPEALED AS ON 27.12.2022--CENTRAL ELECTRICITY AUTHORITY (TECHNICAL STANDARDS FOR CONSTRUCTION OF ELECTRICAL PLANTS AND ELECTRIC LINES)

REGD. NO. D. L.33004/99 the Gazette of Sfttdia EXTRAORDINARY PART III—section 4 PUBLISHED BY AUTHORITY 1191 No. 1191 7, 2015/+7 17, 1937 NEW DELHI, TUESDAY, APRIL 7, 2015/CHAITRA 17, 1937 6 2015 502/1 Itå 2014 fifi) 2005 3 2003 (2003 36) 177 (3) 28 2014 *tx, 10 2015 t; q7: 2003 (2003 36) 177 (2) a-qi-or 2015 2. fRqq, 2010 1593 GI/2015 (I) 2 THE GAZETTE OF INDIA : EXTRAORDINARY [PART III--SEC. 4] (qi) 74 (4) g) fifi-q-q 75 - 2010 ft-a-or I g) -a- Rui-or t, 100% 50% 50% 100% qTQ31T:- (500/0) X (500/0) - g QI 1 (UV70)] k uu (100%) = X (100%) (100%)] + (100%) 100%) -50% (3PFT 100%) Rafi (3P-T<T 100%) 50% 16 98.00/0 100% 97.0% (iii) (6) 3T&:-- (vi) (10) 3 (ii) (2) (3) l; (i) (1) NET 81 (1) "(1) 2010 106 (2) qTR7TT, z:rra- irraxuu u I &TA7-111/4Äqrn/187 *r/15] : t fi/Ä01/2010 7 2010 I MINISTRY OF POWER (CENTRAL ELECTRICITY AUTHORITY) NOTIFICATION New Delhi, the 6th April, 2015 Noe the draft of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2014 were published, under sub-section (3) of section 177 of the Electricity Act, 2003 (36 of 2003) read with rule 3 of the Electricity (Procedure for previous Publication) Rules, 2005, on 28th December, 2014 inviting suggestions or objections from persons likely to be affected thereby within the period specilleu In And whereas, the said period has expired on 10th February, 2015; And whereas, suggestions and objections received from the public in response to the said publication have been considered by the Authority. Now, therefore, in exercise of the powers conferred by sub-section (2) of section 177 of the Electricity Act, 2003 (36 of 2003), the Central Electricity Authority, hereby makes the following regulations to amend the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2010, namely: 4 THE GAZETTE OF INDIA : EXTRAORDINARY [PART III—SEC.'4] 1. Short title and commencement-HI) These regulations may be called the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2015. (2) They shall come into force on the date of their publication in the Official Gazette. 29 In the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2010, - (a) in regulation 74, for sub-regulation (4), the following sub-regulation shall be substituted, namely:- "(4)The DSS with dry type transformer can be used for rooftop installation provided that the building is suitable for bearing the load and adequate fencing or isolation arrangement is ensured." (b) in regulation 75, (i) for sub-regulation (2), the following sub-regulation shall be substituted, namely:- "(2) The transformer can be oil filled, or dry type depending on requirements and shall be as per the Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations 2010." (ii) in sub-regulation (4), for clauses (a), (b) and (c), the following clauses shall be substituted, namely:- maximum losses at 100% and 50% loading shall be calculated by linear interpolation method from the corresponding values of immediately above and below the transformers under consideration and the losses allowed at 50% and 100% loading shall be calculated as follows: $50\% - K2-KI + [LI] (1000/0) 0 100\% - K2-KI$ Where kVA rating of the transformer under consideration Ko kVA rating of transformer below Ko rating kVA rating of transformer above Ko rating Maximum losses of Ko transfonner at 50% (or 100%) loading Specified losses for KI rating transformer at 50%(or 100%) loading LI Specified losses for K2 rating transformer at SO%(or 100%) loading (c) In all other cases, the efficiency of the oil filled distribution transformers shall not be less than the figures given below: ALSO-%-load-ing ALI-OOYO.Qadiug Below 16 kVA 98.0% 97 900/0 for sub-regulation (6), the following sub-regulation shall be substituted, namely. "(6) The standard ratings of distribution transformers shall be as per relevant Indian Standards depending on requirement. sub-regulations (7) and (8) shall be omitted. ; for sub-regulation (9), the following sub-regulation shall be substituted, namely:- (v) "(9) Any rating other than the ratings mentioned in relevant Indian Standard can also be chosen based upon technical and economic considerations." sub-regulation (i 0) shaii be omitted. ; 5 in regulation 76, (c) (i) for sub-regulation (I), the following sub-regulation shall be substituted, namely:- " (I) Tapping shall be provided as per relevant Indian Standards.' ' sub-regulations (2) and (3) shall be omitted. ; in regulation 77, (d) (i) for sub-regulation (1), the following sub-regulation shall be substituted, namely:- l) The mounting of transformers shall be as per relevant Indian Standards.' ' (ii) sub-regulations (2) and (3) shall be omitted. ;

(f) in regulation 81, for sub-regulation (1), the following sub-regulation shall be substituted, namely:- "(1) Pipe earthings or rod earthing shall preferably be provided for the DSS complying with relevant Indian Standards and Central Electricity Authority (Measures relating to Safety and Electricity Supply) Regulations 2010 and 3 earth pits with three grounding electrodes shall be provided." in regulation 106, for sub-regulation (2), the following sub-regulation shall be substituted, namely:- "u I V .Æ LKL 1 All All I Q unternnflnnnl standards and specifications shall be used according to requirement." P. D. SIWAL, secy. [ADVTe111/4/Extye/187G/1SI Note—The principal regulations were published in the Gazette of India, vide notification number CEA/TETD/MP/W01/2010, dated the 20th August, 2010. Printed by the Manager, Government of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054.

