

BUREAU OF ENERGY EFFICIENCY (QUALIFICATIONS FOR ACCREDITED ENERGY AUDITORS AND MAINTENANCE OF THEIR LIST) REGULATIONS, 2

We-33004/99 REGD. NO. D. L-33004/E Che Gazette of India No. 951 EXTRAORDINARY PART III—section 4 PUBLISHED BY AUTHORITY 23, 1932 NEW DELHI, TUESDAY, APRIL 13, 2010/CHAITRA 23, 1932 sqf 31 2010 2/11(7 3, 4, 2C 2009 qe-liTT 22 2009 2009 aft*, 2001 (2001 52) 58 (1) 26 2009 I 3ß, \$1 VT(T 13 \$1 (2) G), (q) 6) 58 (2) (g) 2010 I (2) zrg \$1 I F) "3fifiuq" 2001 i383 GI/2010 2 THE GAZETTE OF : EXTRAORDINARY IPART III—SEC. CT) €qqewl" Gqf fruT) 2009 2 (1) (V) zru-r (q) uhlT" \$1 3T2f I 3. GIAi.- (1) q--O&IT ; (9 -Q Rs--qf) CT) 6 GINT 1 (9 fufhf* (2) (1) 1 GTTVTT-- GIRT I (71) qa-T 5. TTÜ+(I) (2) 2008 #ëra-TT Rqhë fig (q) ur Rig (30 I ft-g I GRT 7 garr2Fi t\$1q 2 @TVTTI (2) fig 3ßfå 1 Fq-5 THE GAZETTE OF INDIA: EXTRAORDINARY 4 IPART III—SÉC. 41 Fig t, qg71T www.bee-india.nic.in www.energymanagertraining.com I 3TÄf?-d -qü, a-ITUTR æf ger €5) RFT (ä \$1 2009 fifif& (3) a-Trur t, GIRT Rfr---e-g I (9) GTFT-(I) 8 Berg [VUT111—uug4] 10. qFT1-(1) qgt Trg (2) Rig 3-T& qi-r*-a 11. qi, XT&IT— 4(2) s 6 THE EXTRAORDINARY (ii)gqj aFr . .20 PART 2010 I fäg 2010 9 I frg 2010 8 frg . .20 (qfiq) qa-Rff 7(1) 1. 2 3 4 5 6 7 8 9 (ii) (ii) 8 10 11 1. 2 3 4 5 6 7 8 9 10 THE GAZETTE : EXTRAORDINARY g-fiq 4 7(2) (ii) (ii) fäg «era-TT I PART 111—SEC.41 9 11 12 13 14 15 16 17 18 19 (i) 20 (ii) 21 1383 (ft) 10 22 €5) 24 (i) (ii) (iii) 1 2 3 4 5 6 7 8 9 T' IF, GAZETIE OF INDIA : EXTRAORDINARY a-q-q5VT x-iq?lGT 3(1) IPART III—SEC. 41 a;qf Rig qTq) (g*rër) 11 10 11 12 13 THE BUREAU OF ENERGY EFFICIENCY NOTIFICATION New Delhi, the 31st March, 2010 No. certain draft regulations namely, the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2009, were published vide Bureau of Energy Efficiency notification number 2/11(2)/07-BEE, dated the 22nd December, 2009 in the Gazette of India, Extraordinary, Part III, Section 4, dated the 26th December, 2009 as required under sub-section (1) of Section 58 of the Energy Conservation Act, 2001 (52 of 2001) inviting objections and suggestions from all persons likely to be affected thereby within forty five days from the date of publication of the said notification in the Gazette. And whereas the said draft regulations were published in the official Gazette on the 26th December, 2009. And whereas no objection or suggestion has been received in respect of the said draft regulations within the specified period. Now, therefore, in exercise of the powers conferred by clauses (n),(o) and (p) of sub-section (2) of section 13, clauses (d),(e) and (f) of sub-section (2) of section 58 and section 8 of the said Act, the Bureau of Energy Efficiency with the previous approval of the Central Government, hereby makes the following regulations, namely:- 1. Short title and commencement. - (1) These regulations may be called the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010 (2) They shall come into force on the date of their publication in the Official Gazette

2. Definitions.- (1) In these regulations, unless the context otherwise requires, - a) "Act" means the Energy Conservation Act, 2001; b) "Accreditation Advisory Committee" means a committee constituted by the Bureau under regulation 5; c) "energy auditor" includes a certified energy manager as defined in clause (d) of sub-regulation (1) of regulation 2 of the Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010; IPART III—SEC. 41 12 THE GAZETTE OF INDIA : EXTRAORDINARY d) "Energy Intensive Industries" means the Energy Intensive Industries specified in the Schedule to the Act; e) "Form" means a form appended to these regulations; f) "Schedule" means the Schedule appended to these regulations. (2) Words and expressions used herein and not defined but defined in the Act shall have the meanings respectively assigned to them in the Act

3. Qualifications for accredited energy auditor.- An energy auditor shall be qualified to become an accredited energy auditor if, he- a) has passed the examination in "Energy Performance Assessment for Equipment and Utility Systems" conducted by the Bureau on the subjects specified in the Schedule; -b) has an experience of five years in energy audit out of which at least three years' shall be in any of the Energy Intensive Industries; and c) has been granted a certificate of accreditation by the Bureau under regulation 6

4. Application for grant of certificate of accreditation.- (1) The Bureau may, for the purpose of accreditation of energy auditors possessing qualifications specified in clauses (a) and (b) of regulation 3, call for applications from qualified persons. (2) The application referred to in sub-regulation (1) shall be made in



Form I and be accompanied by- a) five detailed energy audit reports in any of the Energy Intensive Industries undertaken by the energy auditor in an individual capacity or as a leader or associate or active team member of the energy audit team; b) feed back on energy audit received from Energy Intensive Industries; c) fee of rupees one thousand payable by demand draft drawn in favour of the Bureau of Energy Efficiency, New Delhi or any electronic mode of payment



5. Constitution of Accreditation Advisory Committee.- (1) The Bureau may, for the purpose of grant of certificate of accreditation, constitute an Accreditation Advisory Committee. 13 (2) The Accreditation Advisory Committee shall consist of a Chairperson and not more than three members to be nominated by the Bureau from amongst members of the Advisory Committees constituted under regulation 3 of the Bureau of Energy Efficiency (Advisory Committees) Regulations, 2008. (3) The Accreditation Advisory Committee shall assess the energy audit experience and competence of the energy auditor who has applied for a certificate of accreditation under regulation 4 on the basis of an oral interview on the following criteria, namely:- a) evaluation of five detailed energy audit reports submitted alongwith the application; b) the number of and the kind of Energy Intensive Industries in which detailed energy audits have been made; c) association of applicant with number of and kind of experts including full time energy auditors or part time energy auditors or consultants with expertise in thermal, electrical utilities and processes and nature of such association; d) possession of at least four up-to-date basic instruments namely, clip-on- type, power measuring instruments, flue gas analyser, temperature and lux measuring instruments which are duly calibrated by a laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories and expertise in using such instruments for conduct of energy audit; e) manner of work followed in energy audit; f) training experience; g) quality of field studies including observations, probing skills, collection and generation of data, depth of technical knowledge and analytical abilities; h) quality of recommendations for improving energy efficiency or for conserving energy; i) capacity to undertake cost benefit analysis of recommended measures for improving energy efficiency or for conserving energy and preparation of action plan for implementation of recommendations for reduction of energy consumption; and j) quality of energy audit reports. 1383 TI OF INDIA : EXTRAORDINARY IPART III—SEC. 41 (4) On the basis of assessment made under sub-regulation (3), the Accreditation Advisory Committee shall make recommendation to the Bureau for accreditation of energy auditor. Certificate of accreditation. - (1) If the recommendation made by the accreditation advisory committee under sub-regulation (4) of regulation 5 is accepted by the Bureau, the name of the applicant shall be entered in the register of List of accredited energy auditors maintained under regulation 7 and a certificate of accreditation in

Form 11 shall be granted to the energy auditor on payment of annual accreditation fee of rupees one thousand payable by demand draft drawn in favour of the Bureau of Energy Efficiency, New Delhi or by any electronic mode Of payment. A2) The Bureau may, for reasons to be recorded in writing, reject the application for accreditation made by an energy auditor and intimate the same to him within a period of one month. (3) The certificate of accreditation shall be valid until it is cancelled under regulation 9



7. Maintenance of list of accredited energy auditors, their offices and firms.- (1) The Bureau shall maintain a register containing list of accredited energy auditors in



Form III. (2) The accredited energy auditor or a firm of such accredited energy auditor • shall, before opening an office in the trade name or firm name, apply to the Bureau for approval to use the trade name or the firm name and on such approval, the Bureau shall maintain the register of offices and firms of accredited energy auditors in Form IV. (3) The Bureau shall cause to be published the first list of accredited energy auditors and list of offices and firms of accredited energy auditors as soon as they are finalised and thereafter these lists shall be updated and published regularly and uploaded on the Bureau's official web-site namely, www.bee-india.nic.in and energy professionals web site on www.energymanagertraining.com. (4) Every accredited energy auditor shall submit to the Bureau any change in the information given in the application for accreditation for the purpose of updating the list. (5) A copy of the updated list of accredited energy auditors shall be sent to the designated agencies of the States and designated consumers on the first day of April every year through electronic mail. Removal and restoration of names in the register of list of accredited energy auditors. - The Bureau may remove the name of the accredited energy auditor from the register of list of energy auditor on the following grounds, namely:- a) the Bureau, after giving an opportunity of hearing to the person concerned, is satisfied that such certificate of accreditation has been granted on the basis of incorrect, misleading or false information; b) on the person ceasing to be an energy auditor or on his failure to undertake energy audit of an Energy Intensive Industries in accordance with the Bureau of Energy Efficiency (Manner and Intervals of Time for Conduct of Energy Audit) Regulation 2010; c) if the person is guilty of professional misconduct or fraud; d) if the person has failed to pay annual accreditation fee. (2) Where the name of the accredited energy auditor is •removed on the grounds specified in clause (b) or clause (d) of sub-regulation (1), his name in the register shall be restored on an application made by him after restarting the work of energy audit or on payment of annual accreditation fee, as the case may be. (3) Where the name of the accredited energy auditor is removed on any other grounds, no restoration of name in the register shall be made by the

Bureau

9. Cancellation of certificate of accreditation.-(1) On removal of the name from the register under regulation 8, - the Bureau may cancel the certificate of accreditation granted under regulation 6. (2) Before issuing an order of cancellation of accreditation, the Bureau shall give an opportunity of hearing to the energy auditor holding such certificate. (3) Where the certificate Of accreditation is cancelled, the Bureau shall communicate its order to the holder of such certificate and the concerned designated consumer and shall also publish the same and upload necessary changes on its official web site. (4) The certificate of accreditation shall stand cancelled with effect from the date of publication of the order of cancellation. (5) On cancellation of certificate of accreditation, the holder of such certificate shall surrender the same to the Bureau within fifteen days

10. Issue of duplicate certificate - (1) Where an accredited energy auditor has lost the certificate of accreditation, the Bureau may, on an application made in this behalf, duly accompanied by a copy of first information report lodged with the concerned police station, issue a duplicate certificate on payment of a fee of rupees five hundred by demand draft drawn in favour of the Bureau of Energy Efficiency, New Delhi or by any electronic mode of payment.(2) Where the certificate issued by the Bureau is damaged, the Bureau may on an application made in this behalf and on surrendering of the damaged certificate, issue a duplicate certificate on receipt of a fee of rupees five hundred by way of demand draft drawn in favour of Bureau of Energy Efficiency payable at New Delhi or by any electronic mode of payment. Information relating to accredited energy auditors.-(1) The Bureau may call upon 11. accredited energy auditors to furnish— a) information relating to sector-wise details of energy audit conducted, and the energy saving potential identified and achieved; and b) such additional information as it considers necessary. (2) The Bureau may make available the information received by it under sub-regulation (1) to the general public through its web site or through any of its publication. I PART III—
SEC.41 16 To The Secretary THEGAZVITEOFINDIA: EXTRAORDINARY



FORM I [See regulation 4 Application for Certificate of Accreditation The Bureau of Energy Efficiency - New Delhi, Dear Sir, I am working as energy auditor/ certified energy manager at . (full address of the place of work)) and hereby apply for certificate of accreditation. 2. 3



4. The self - attested photocopies of the following documents are enclosed:- (a) Certificate of Certified Energy Manager; (b) Certificate-Mor—passing -the examination- in -Energy Performance Assessment for Equipment and Utility Systems; (c) five detailed energy audit reports of Energy Intensive Industries; (d) feedback on study reports referred to in (c) received from such energy industries. The details of work experience of five years are as under:- I am enclosing / have paid the following fees by demand

Draft No dated drawn in favour of Bureau of Energy Efficiency, New Delhi / electronic mode. 5. application fee of rupees one thousand ; and annual accreditation fee of rupees one thousand. I request that the certificate of accreditation may be issued to me. I hereby state that information furnished above is true and correct to the best of my knowledge. Dated this Place.. day of 20 Yours faithfully Signature . Name.

Designation... ... For and on behalf of.. 19



FORM - 11 [See regulation 6(1)] BUREAU OF ENERGY EFFICIENCY (EMBLEM) CERTIFICATE OF ACCREDITATION having his/ her/ its is to certify that Mr./Ms./M/s has been given accreditation as accredited registered office at . day of 20 energy auditor. The certificate shall be effective from The certificate is subject to the provisions Of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010 This certificate shall be valid until it is cancelled under regulation 9 of the Bureau -of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010 On cancellation, the certificate of accreditation shall be surrendered to the Bureau within fifteen days from the date of receipt of order of cancellation. in the register of list of Your name has been entered at Sl. No.... accredited energy auditors. Your name shall be liable to be struck out on the grounds specified in regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010. Given under the seal of the Bureau of Energy Efficiency, Ministry of Power, this.. Date: New Delhi day of . Signature and seal Secretary ,Bureau of Energy Efficiency IPART III—SEC. . 18 Serial Number THE GAZETTE OF INDIA: EXTRAORDINARY FORM III [See regulation 7(1)] BUREAU OF ENERGY EFFICIENCY Register containing List of Accredited Energy Auditors .(DD/MM/20YY) As on A. 1 2 3 4 5 6 7 8 9 IO 11 Accreditation information in respect of accredited energy auditor Name of accredited energy auditor Father's name Date Of certification as Energy Manager Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" Examination Registration Number of (i) Energy Manager (ii) "Eneigy Performance Assessment for Equipment and Utility Systems" Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" Date of issue of accreditation certificate Professional postal address with Pin Codes of the accredited energy auditor E-mail address Telephone numbers with STD Code (R) (0) Mobile no: Remarks Photograph i [VBT111—aug4] 19 FORM IV [See regulation 7(2)] BUREAU OF ENERGY EFFICIENCY Register containing names of offices and firms of accredited energy auditors Serial Number As on . A. 1 2 3 5 6 7 B. 8 9 Name of accredited energy auditor Father's name Date of certification as Energy Manager Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" Examination Registration Number of (i) Energy Manager (i) "Energy Performance Assessment for Equipment and Utility Systems" Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" Date of issue of accreditation certificate Information in respect of trade name or firms' name Trade name / firms name under which energy audit is proposed to be conducted Date of accreditation as accredited energy auditor Type of firm/ private/ Govemment I NGO etc. (D DIMW20YY) Photograph 1393 IPART III—SEC. 41 20 11 12 13 14 15 16 17 18 c 19 20 (11) THE GAZETTE OF INDIA : EXTRAORDINARY Name of contact person along with address, telephone, designation, mobile and fax number along with STD codes and email address Professional postal address with Pin Code of the accredited energy auditor E-mail address Telephone numbers . with STD Code (R) (0) Mobile no: Year of establishment of the trade name / firms' name for undertaking the energy audit Year of commencement of energy audit of the firm Whether any certificate to support the excellence in the system has been obtained (ISO etc.) No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses) Details of Associated Energy Number of resource persons available Number . of full-time energy auditors in position with work experience of all energy auditors associated with the firm No. of part-time energy auditors in position during the current year I previous year associated with the accredited energy auditor accredited energy auditor's firms. [III—arrg4] 21 21 22 (c) 23 24 (iii) Sectors in which the accredited energy auditor/ accredited energy audit firm has conducted energy audits since inception Subject wise expertise Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. Bureau of Energy Efficiency will be calling for detailed information in case agency has listed its energy audit expertise in the process systems Energy audit thermal utility system (list sectors) Energy audit electrical utility system (list sectors) Instruments available (a) Electrical (list the name of the instruments) (b) Thermal (list the name of the instruments) Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit Remarks Note: Responsibility of the authenticity of the above information rests with the concerned energy auditing agency. 22 THE GAZETTE OF INDIA : EXTRAORDINARY SCHEDULE [See regulation 3(1)] 41 Subjects for examination in Energy Performance Assessment For Equipment and

Utility 1 2 3 4 5 6 7 8 9 10 11 12 13 Systems Boilers, fumaces Cogeneration, turbines (gas, steam), Heat exchangers, Electric motors, variable speed drives, Fans and blowers, Water pumps, Compressors, Heating ventilation and air-conditioning (HVAC) systems Performing financial analysis. Energy Performance assessment in power plants. Energy Performance assessment in steel industry Energy Performance assessment in process industry (cement, textiles) Energy Performance assessment in buildings and commercial establishments. AJAY MATHUR, Director-General [Advt. 111/41185/10-Exty.1 Printed by the Manager. Govt. Of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller Of Publications. Delhi-110054.

