


**FORM IV**  
**(Refer regulation 7(2))**  
**Bureau of Energy Efficiency**  
**REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED**  
**ENERGY AUDITORS**

| <b>Serial Number (AEA- 0142)</b>                              |  | <b>As on 26/11/2013</b>       |  |
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| <b>A.</b>   |  |                               |  |
| 1   | Name of accredited energy auditor  | R.SURYANARAYANAN              |  |
| 2   | Father's name  | S.RAJAGOPAL                   |  |
| 3   | Date of certification as Energy Manager  | 6 <sup>th</sup> April 2005    |  |
| 4   | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"                               | 6 <sup>th</sup> April 2005    |  |
| 5   | Examination Registration Number of<br>(i) Energy Manager<br>(ii) "Energy Performance Assessment for Equipment and Utility Systems" | EA-1568                       |  |
| 6   | Certificate Registration Number of<br>(i) Energy Manager<br>(ii) "Energy Performance Assessment for Equipment and Utility Systems" | 683                           |  |
| 7   | Date of issue of accreditation certificate   | ( to be filled by BEE)        |  |
| <b>B. Information in respect of trade name or firms' name</b> |  |                               |  |
| 8   | Trade name / firms name under which energy audit is proposed to be conducted   | National Productivity Council |  |
| 9   | Date of accreditation as accredited energy auditor   | ( to be filled by BEE)        |  |

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| 10       | Type of firm/ private/ Government / NGO etc.  | Government  |
| 11       | Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address ( All details compulsory) | R.Suryanarayanan,<br>Dy. Director<br><br>26, Madhava Road, Mahalingapuram<br>Chennai-600034<br>Mobile:09940129780, 044-28174695<br>rsuryan@gmail.com    |
| 12       | Professional postal address with Pin Code of the accredited energy auditor  | Dr. Ambedkar Institute of Productivity,National Productivity Council,6, Aavin Dairy Road, Ambattur Industrial Estate (North),Ambattur, Chennai - 600098 |
| 13       | E-mail address  | aipnpc@vsnl.com   |
| 14       | Telephone numbers . with STD Code<br>(R)<br>(O)<br>Mobile no:   | PH : 044- 26245629, 26255216<br>Fax :04426254904<br>Mobile no: 09940129780  |
| 15       | Year of establishment of the trade name / firms' name for undertaking the energy audit  | 1958  |
| 16       | Year of commencement of energy audit of the firm  | 1961  |
| 17       | Whether any certificate to support the excellence in the system has been obtained (ISO etc.)  | ISO 50001 Certified Lead Auditor  |
| 18       | No. of branch offices<br><br>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)                   | 14  |
| <b>C</b> | <b>Details of Associated Energy Experts</b>   |   |
| 19       | Number of resource persons available  | 9   |

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| <p>20</p> | <p>I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm</p> | <p>1, Shri R.Suryanarayan B.Tech, M.S, PGDEM, Dy. Director</p> <ul style="list-style-type: none"> <li>• Energy &amp; Environmental Audit Consultant for over 250 years</li> <li>• Conducted about 200 training programs on Energy Management and Environment</li> <li>• Conducted more than 100 Detailed Energy and Environment Audits</li> <li>• Certified EMS ISO 50001, ISO 14001 and OHSAS 18001 Auditor</li> </ul> <p>2. Shri P. Dharmalingam B.Tech, M.S, PGDEM,(Ph.D)</p> <p>Director &amp; Head (AIP &amp; CETEE)</p> <ul style="list-style-type: none"> <li>• Energy Audit Consultant for over 25 years</li> <li>• Conducted about 160 training programs on</li> <li>• Energy Management and Conservation</li> </ul> <p>3. Shri J. Nagesh Kumar B.Tech, PGDEM, Director</p> <ul style="list-style-type: none"> <li>• Energy Audit Consultant for over 25 years</li> <li>• Conducted about 150 training programs on</li> <li>• Energy Management and Conservation</li> <li>• Conducted more than 200 Detailed Energy</li> <li>• Audits</li> <li>• Certified EMS / ISO 14001 &amp; Environmental</li> <li>• Auditor</li> </ul> <p>4. Shri Gopinathan Gopal, B.Tech Asst. Director</p> <ul style="list-style-type: none"> <li>• Energy Audit Consultant for over 10 years</li> <li>• Conducted about 30 training programs on</li> <li>• Energy Management and Conservation</li> <li>• Conducted more than 50 Detailed Energy</li> <li>• Audit</li> </ul> <p>5. Smt. P.Chitra, M.E, PGDCA</p> |
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|  |  | <p>Asst. Director</p> <ul style="list-style-type: none"> <li>• Energy Audit Consultant for over 5 years</li> <li>• Conducted about 25 training programs on</li> <li>• Energy Management and Conservation</li> <li>• Conducted more than 30 Detailed Energy</li> <li>• Audits</li> </ul> <p>6. Shri R. Pavan Kumar, B.Tech, PGCEM,<br/>Asst. Director</p> <p>Energy Audit Consultant for over 3 years<br/>Conducted about 20 training programs on<br/>Energy Management and Conservation<br/>Conducted more than 25 Detailed Energy<br/>Audits</p> <p>7. Shri V.Velayutham, B.Tech, PGCEM.<br/>Asst. Director</p> <ul style="list-style-type: none"> <li>• Energy Audit Consultant for over 4 years</li> <li>• Conducted about 20 training programs on</li> <li>• Energy Management and Conservation</li> <li>• Conducted more than 20 Detailed Energy</li> <li>• Audits</li> </ul> <p>8. Shri U.Chandra Kumar, BE, PGCEM<br/>Asst. Director</p> <ul style="list-style-type: none"> <li>• Energy Management Consultant for over 3<br/>years</li> <li>• Conducted about 10 training programs on<br/>Energy Management and Conservation</li> <li>• Conducted more than 15 Detailed Energy<br/>Audits</li> </ul> <p>Shri Joel Franklin Asaria, B.Tech, M.Sc, MBA,<br/>Dy. Director</p> <ul style="list-style-type: none"> <li>• Energy &amp; Environment Audit Consultant for<br/>over 12 years</li> <li>• Conducted about 30 training programs on<br/>Energy Management and Environment</li> <li>• Conducted more than 50 Energy and</li> </ul> |
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|     |   | <p>Environment Audits</p> <ul style="list-style-type: none"> <li>• Certified EMS I ISO 14001 &amp; Environmental Auditor</li> </ul>  |
|     | <p>II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.</p>  | <p>Nil</p>   |
| 21  | <p>Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception</p>   | <p>Industry sector ,Commercial Buildings and Railways</p>  |
| 22  | <p>Subject wise expertise</p>   | <p>ALL are Engg Graduates with Post graduate in Energy management specialization (2 years full time course in energy management)</p>   |
| (a) | <p>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</p> | <p>Textiles, paper, steel and cement</p>   |
| (b) | <p>Energy audit thermal utility system (list sectors)</p>   | <p>All sectors such as Textile, fertilizer, cement, steel, foundry, Chemical. sugar, paper etc</p>   |
| (c) | <p>Energy audit electrical utility system (list sectors)</p>  | <p>All sectors such as Textile, fertilizer, cement, steel, foundry, Chemical. sugar, paper etc<br/>All designated consumers and Hotels, Commercial Buildings, Municipalities</p>   |
| 23  | <p>Instruments available</p>  |  |
|     | <p>(a) Electrical (list the name of the instruments)</p>  | <ol style="list-style-type: none"> <li>1. Single Phase power analyzer</li> <li>2. Three Phase power analyzer</li> <li>3. Harmonics analyzer</li> <li>4. Motor signature analyzer for condition monitoring</li> <li>5. Motor checker</li> </ol> |

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|           |   | 6. Lux Meter<br>7. Digital Tachometer/Stroboscope/ Combination contact and Photo taco meter<br>8. Digital multimeter<br>9. Earth Leak Tester<br>10. Infrared Camera  |
|           | (b) Thermal (list the name of the instruments)  | 1. Flue gas analyser<br>2. Air/liquid thermometer<br>3. Surface Contact Thermometer<br>4. Infrared temperature meter<br>5. Thermo Hygrometer/ Whirling Hygrometer<br>6. Thermo Anemometer/Hot Wire Anemometer<br>7. Pitot tube with Digital manometer<br>8. Ultrasonic water flow meter<br>9. Steam Trap tester<br>10. PH and TDS meter                    |
| 24<br>(i) | Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit | Practical —Hands on training program at CETEE CENTRE-AIP<br>United Nations Environment Program (UNEP)<br>Oil and Natural Gas Corporation (ONGC)<br>GAIL<br>RITES Ltd. Ministry of Railways, Government of India<br>RINA India Pvt. Ltd.<br>Tamilnadu Cooperative Milk Producers Federation (AAVIN)<br>Preparatory training for energy auditors Examination |
| (ii)      | Energy audit consultancy services   | Energy Audit of 20 steel rolling mills BHEL. Energy audit study<br>PAT Base line study-Chloro-alkali sector<br>Cleaner production and energy efficiency in textile processing units  |

| <b>D</b> | <b>Remarks( if any)</b>   |
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|          | Other areas in which consultancy and training is provided include EIA assessment, CP audits, Greening of Supply chain studies, air and water pollution related training programmes. |