


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

Serial Number (AEA- 0140)		As on -26/11/2013	
A.			
1	Name of accredited energy auditor	Smt. P. CHITRA	
2	Father's name	K. PAULSAMY	
3	Date of certification as Energy Manager	10/08/2007	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Appeared in 2009 Certification date: 11/02/2010	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA- 6888	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 6888 Certificate No.: 5083	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
B. Information in respect of trade name or firms' name			
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)	

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)	P. CHITRA Asst. Director, AIP-NPC, Chennai. <u>Permanent native address:</u> D/o. K.Paulsamy, 1-134, First street, First Ward, Thappukkundu, Thadicherry (P.O.), Veerapandi (Via), Theni (D.T.) – 625534. Tamilnadu. Mobile: 09894541770 pc_bea@yahoo.co.in , paulsamychitra@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. Tamilnadu. PH : 044- 26245629, 26255216, 26251808 Fax :044-26254904, 26255012 Mobile:9894541770
13	E-mail address	aipnpc@vsnl.com; aipnpc@vsnl.net;
14	Telephone numbers . with STD Code (R) (O) Mobile no:	PH : 044- 26245629, 26255216, 26251808 Fax :044-26254904, 26255012 Mobile:9894541770
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 EnMS Lead Auditor Course Completion certificate.
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	14 Details Attached as Annexure-1.

C	Details of Associated Energy Experts	
19	Number of resource persons available	9
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>1)Smt. P.Chitra, B.E. (Agri.), M.E.(BioEnergy), PGDCA, Asst. Director (EM)</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 5 years • Conducted about 35 training programs and workshop/seminaron Energy Management and Conservation • Conducted more than 25 Detailed Energy Audits <p>2)Shri P. DharmalingamB.Tech, M.S, PGDEM,(Ph.D) Director & Head (AIP & CETEE)</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 25 years • Conducted about 160 training programs on Energy Management and Conservation • Conducted more than 200 Detailed Energy Audits <p>3)Shri J. Nagesh Kumar B.Tech, PGDEM, Director</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 25 years • Conducted about 150 training programs on Energy Management and Conservation • Conducted more than 200 Detailed Energy Audits • Certified EMS / ISO 14001 & Environmental Auditor <p>4)ShriR.SuryanarayanB.Tech, M.S, PGDEM, Dy. Director</p> <ul style="list-style-type: none"> • Energy & Environmental Audit Consultant for over 250 years • Conducted about 200 training programs on

		<p>Energy Management and Environment</p> <ul style="list-style-type: none"> • Conducted more than 100 Detailed Energy and Environment Audits • Certified EMS ISO 50001, ISO 14001 and OHSAS 18001 Auditor <p>5)ShriGopinathanGopal, B.Tech, Asst. Director</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 10 years • Conducted about 30 training programs on Energy Management and Conservation • Conducted more than 50 Detailed Energy Audit <p>6)Shri R. Pavan Kumar, B.Tech, PGCEM, Asst. Director</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 3 years • Conducted about 20 training programs on Energy Management and Conservation • Conducted more than 25 Detailed Energy Audits <p>7)ShriV.Velayutham, B.Tech, PGCEM. Asst. Director</p> <ul style="list-style-type: none"> • Energy Audit Consultant for over 4 years • Conducted about 20 training programs on Energy Management and Conservation • Conducted more than 20 Detailed Energy Audits <p>8)ShriU.Chandra Kumar, BE, PGCEM Asst. Director</p> <ul style="list-style-type: none"> • Energy Management Consultant for over 3 years • Conducted about 10 training programs on Energy Management and Conservation • Conducted more than 15 Detailed Energy Audits <p>9)Shri Joel Franklin Asaria, B.Tech, M.Sc, MBA, Dy. Director</p> <ul style="list-style-type: none"> • Energy & Environment Audit Consultant for over 12 years
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		<ul style="list-style-type: none"> • Conducted about 30 training programs on Energy Management and Environment • Conducted more than 50 Energy and Environment Audits • Certified EMS I ISO 14001 & Environmental Auditor
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	Nil
21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception	Commercial Buildings & Industrial Sector (Chlor-alkali, Steel (BHEL), Dairy Sector, Automobile sector, Textile)
22	Subject wise expertise	All are Engg Graduates with Post graduate in Energy management specialization (2 years full time course in energy management)
(a)	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	Textiles, steel, paper and cement
(b)	Energy audit thermal utility system (list sectors)	All sectors such as Textile, fertilizer, cement, steel, foundry, chemical, sugar, paper etc.
(c)	Energy audit electrical utility system (list sectors)	All sectors such as Textile, fertilizer, cement, steel, foundry, chemical. sugar, paper etc All Designated Consumers and hotels, Commercial Buildings, Municipalities.
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ol style="list-style-type: none"> 1. Single Phase power analyzer 2. Three Phase power analyzer 3. Harmonics analyzer 4. Motor signature analyzer for condition

		<p>monitoring</p> <ol style="list-style-type: none"> 5. Motor checker 6. Lux Meter 7. Digital Tachometer/Stroboscope/ Combination contact and Photo tacho meter 8. Digital multimeter 9. Earth Leak Tester 10. Infrared Camera
	(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"> 1. Flue gas analyser 2. Air/liquid thermometer 3. Surface Contact Thermometer 4. Infrared temperature meter 5. Thermo Hygrometer/ Whirling Hygrometer 6. Thermo Anemometer/Hot Wire Anemometer 7. Pitot tube with Digital manometer 8. Ultrasonic water flow meter 9. Steam Trap tester 10. PH and TDS meter
24 (i)	Details of training programme/seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	<p>Practical —Hands on training program in all energy utilities & energy efficiency at CETEE CENTRE-AIP-NPCfor United Nations Environment Program (UNEP) Oil and Natural Gas Corporation (ONGC) RITES Ltd. Ministry of Railways, Government of India RINA India Pvt. Ltd. , GAIL Tamilnadu Cooperative Milk Producers Federation (AAVIN) Power Grid Corporation of India Preparatory training for energy auditors Examination National Boiler Workshop on Efficient Operation & Maintenance of Boilers</p>
(ii)	Energy audit consultancy services	<p>L&T Infotech Buildings, RBI Buildings, BHEL energy audit study, PAT Base line study-Chlor-alkali sector, Energy audit study of Automobile cluster (UNIDO), Dairy plants, textile units and steel rerolling mills</p>

D	Remarks(if any)
