

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

Serial Number (AEA-0246)		As on.(19/10/2015)
A.		
1	Name of accredited energy auditor	Shri Surendra Kumar
2	Father's name	Late Prem Singh
3	Date of certification as Energy Manager	06 April-2005(EA-1050)
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Passed National Certification Examination for Energy Auditor held in May-2004(EA-1050)
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	CEA Regn. No. 1050
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	CEA Regn. No. 1050
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	ENCON Energy Management Services Pvt Ltd
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)



10	Type of firm/ private/ Government / NGO etc.	Private Limited
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Surendra Kumar Director L-51, J.V.V., Hiranandani Garden, Powai, Mumbai - 400 076, Tel. 022-25702703, Mob. +91 9766363120
12	Professional postal address with Pin Code of the accredited energy auditor	Same as above
13	E-mail address	cdrskumar@yahoo.co.in
14	Telephone numbers . with STD Code (R) (O) Mobile no:	022-25702703 Mob. +91-9766363120
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	Sept 2007 as Pvt. Ltd. (ENCON Energy Management Services Private Limited).
16	Year of commencement of energy audit of the firm	Since 2001 as 'Proprietary' and changed to 'Pvt Ltd' in 2007.
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<ul style="list-style-type: none"> • Certificate from MEDA as '1st prize under ESCO category in 2011-12 as well as in 2012-13 • NDBC article on successful ESCO MODEL between M&M and ENCON. • Empanelled ESCO of BEE • Empanelled with MEDA, GEDA and MP Urja.
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	
C	Details of Associated Energy Experts	
19	Number of resource persons available	11
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	5(2 Auditors+3 M Tech-Energy)

FULL-TIME ENERGY AUDITOR

Name	Years of Prof. Experience	Current Designation	Qualification	Experience	Sectors Covered
Cdr S. Kumar (Retd.)	42	Director	<ul style="list-style-type: none"> • BE(Electrical)-1972 , Roorkee(IIT) • Energy Auditor(EA-1050) of BEE(2004) • CMVP of EVO - 2013 • ISO-50001-2013 • Member of Institution of Engineers, India • Member, AEEE 	<ul style="list-style-type: none"> • Power Quality • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System • HVAC • Training in Energy Conservation • M & V • ECBC Consultancy 	Thermal Power Plants, Merchants Ships, Railways, Steel, Textile, Paper Mills, Chemical & Pharmaceutical, Ship Repair Yard, IT Industries, Hotels & Hospitals, Air Port, Banks & Commercial Buildings
Arpitkumar S. Rami	6	Manager - Energy Conservation	Energy Auditor (EA-21238) P.G. Certificate [Energy Management] B.E [Mechanical]	<ul style="list-style-type: none"> • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System 	Chemical & Pharmaceutical, IT Industries, Hotels, Banks & Commercial Buildings
Shantanu D Pathak	5	Manager - Energy Conservation	M Tech(Energy Studies) BE(Electrical) ISO-50001	<ul style="list-style-type: none"> • Power Quality • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System • HVAC 	Thermal Power Plants, Merchants Ships, Steel, Textile, , Chemical & Pharmaceutical, IT Industries, Hotels, Banks & Commercial Buildings
Abhishek Gaur	5	Executive E.C.	Diploma - Chemical Engg. BE - Mech.	<ul style="list-style-type: none"> • Power Quality • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System • HVAC • Solvent Recovery Plants 	Thermal Power Plants, Merchants Ships, Chemical & Pharmaceutical, IT Industries, Hotels, Banks & Commercial Buildings
Nilesh E. Zaware	2	Executive E.C.	M Tech (Energy Studies) BE(Mech.)	<ul style="list-style-type: none"> • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System • HVAC 	Thermal Power Plant, Chemical & Pharmaceutical, Banks & Commercial Buildings
Kishore Venugopal	2	Executive E.C.	M Tech (Energy Studies) BE(Mech.)	<ul style="list-style-type: none"> • Boilers • Cooling Towers & Cooling Water System • Chillers • Water Pumping System • Comp. Air System • HVAC 	Thermal Power Plant Chemical & Pharmaceutical, Banks.

	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	6(4 Auditors+4 Engineers)			
PART TIME ENERGY AUDITORS					
Name	Years of Prof. Experience	Current Designation	Qualification	Experience	Sectors Covered
Rohit Sharma	6	Director - Technology & Services (SavEn India Management LLP)	Energy Auditor (EA-16224) BE(Mech.)	<ul style="list-style-type: none"> • Boiler • HVAC • Furnace & Plant Machinery • Lighting 	Hotels, IT Industries, CCP., Chemical I, Commercial Building, Automobiles, Foundry, Ship Building yards, Food Industries
Praveen Dadhich	6	Director - Business Development (SIM LLP)	Energy Auditor(EA-16424) BE(Computer Science)	<ul style="list-style-type: none"> • Boiler • HVAC • Furnace & Plant Machinery • Lighting 	IT Industries, Chemical & Pharmaceutical, Commercial Building, Automobiles, Foundry, Food Industries
Vinay Mulay	6	Director - Green Flame Consultants	Energy Auditor(EA-10853) M Tech(Energy Studies) BE(Metallurgy) ISO-50001	<ul style="list-style-type: none"> • Boiler • HVAC • Furnace & Plant Machinery • Lighting 	Refinery, Braveries, Forging, Fertilizer, Power Plant, Sugar Mills ,Pumping Stations, Pharmaceuticals,
Swapnil Gaikwad	4	Manager - EC	Energy Auditor(EA-20121) M Tech(Energy Studies) BE(Mech.)	<ul style="list-style-type: none"> • Boilers • Turbines • Pumps • Cooling Towers • Air Compressors • HVAC 	Refinery, Braveries, Forging, Fertilizer , Forging, Fertilizer, Power Plant, Sugar Mills
Chetan Nemade	2	Executive - EC	M Tech(Energy Studies) BE(Petrochemical)	<ul style="list-style-type: none"> • Boilers • Turbines • Pumps • Cooling Towers • Air Compressors 	Pumping Stations, Pharmaceuticals, Refinery, Braveries, Forging, Fertilizer, Power Plant, Sugar Mills
21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception		Thermal Power Plants, Merchants Ships, Railways, Steel, Textile, Paper Mills, Chemical & Pharmaceutical, Ship Repair Yard, IT Industries, Hotels & Hospitals, Air Port, Banks & Commercial Buildings		

22	Subject wise expertise	<p>Following major Projects are undertaken in last 5 years:</p> <ol style="list-style-type: none"> 1. Thermal Power Stations(Adani & REL)-2 projects 2. Steel(ISWP, Jamshedpur)-3 projects 3. Railways-with KPMG to provide technical consultancy as to how improve Energy Efficiency in Railways at National Level. 4. Energy Audit of Merchant Ships of SCI through IRS-5 ships Energy Audits are completed. More are in pipe line. This is FIRST-TIME in India. 5. Bulk-drug Plants-20 Energy Audits 6. Bank/Offices-12 Energy Audit and Elect Safety Audits-including RBI and SBI.
(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	System Audit in Pharma Plants(API). In addition to Energy Efficiency in Utilities, System Audits are focused on system of Solvent Recovery Plants. 20 Audits of this nature have been conducted.
(b)	Energy audit thermal utility system (list sectors)	Thermal Power Plant, Pharmaceutical Plant Boilers, Merchant ships, Hotels, Paper Mills& Automobiles
(c)	Energy audit electrical utility system (list sectors)	Automobile, IT, Hotels, Steel, Textile, Pharmaceutical, Chemical, Railways, Naval Dockyard and Air-port
23	Instruments available	List of instruments (34 nos)
	(a) Electrical (list the name of the instruments)	3-Phase Power Analyzer -(2 nos.); Single- phase Power Analyzer (3 nos); Ultra-sonic Flow Meter (3 nos); Thermal Imaging Cameras(2 nos); 16-channel Temp logger; Pitot Tube with DP meter for Flow measurements; Anemometer; IR Meters; Lux meters and other instruments
	(b) Thermal (list the name of the instruments)	Flue Gas Analyzer; Pitot Tube with Digital-Manometer for and steam leak meter.

24 (i)	Details of training programmes/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	<p>Following training sessions on Energy Conservations are conducted in Industry in last 3-years:</p> <ol style="list-style-type: none"> 1. 6 Training sessions held in Asian Paints, John Deere and Sysmbiosis Institute of Management between-15 and 18 Dec-2014. 2. For Group of Ipca Laboratories Ltd. Energy Conservation Team at Ipca Athal in Nov-11; 3. ISWP Jamshedpur in Sept-2011; 4. Maruti Suzuki, Gurgaon in July-2012; 5. Laxmi Organic Industries Ltd., Mahad in Jan-2012; 6. Cadila Healthcare Limited, Vadodara in Jan-2014) 7. Over-all about 30 training sessions are Conducted in last 3 years.
(ii)		At the end of each Energy Audit, 2-hour Training session is held to spread awareness about Energy Conservation and share tips for Energy saving

D	Remarks(if any)
	<p>The undersigned has been in the field of Energy Conservation(full-time) since 2001. Over 160 Energy Audits have been conducted by us. I have directly headed over 100 Energy Audits prepared Technical Report of these Audits..</p> <p>Each study is an Investment-grade Energy Audit. Cost-benefit analysis is done with calculation of savings, required investment and return-on-investment.</p> <p>We own all relevant instruments required for conducting Energy Audits of Electrical systems, Utilities, Thermal and Lighting. Every year, we are adding more instruments to expand our expertise.</p> <p>A good number of Orders are on Energy Performance basis and our professional Fee is a percentage of the actual savings achieved.</p> <p>We have covered vast range of Industries and Buildings with good results. Expertize in following::</p> <ol style="list-style-type: none"> 1. Thermal- Boilers and Steam System Audit 2. Audits of all Utilities-CTs, Pumps, Chillers, HVAC, Air Compressors, Heat exchangeers; 3. Lighting Projects-Audit, Design, Implementation and even ESCO projects; 4. Power Quality and DSM; 5. Lighting 6. Consultancy is given for Solar PV power and water harvesting/conservation.

(Note: Responsibility of the authenticity of the above information rests with the concerned energy auditor/energy auditing agency.)