


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

Serial Number: (AEA- 287)		As on: (09/05/2018)	
A.			
1	Name of accredited energy auditor	Mr. KAMLESHKUMAR B. SANGANI	
2	Father's name	Mr. BHAGVANJIBHAI J. SANGANI	
3	Date of certification as Energy Manager	Energy Auditor –17 & 18 November, 2007. Certificate Received on 18th February 2008	
4	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Energy Auditor –17 & 18 November, 2007. Certificate Received on 18th February 2008	
5	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	AEA-287, EA-8840 AEA-287, EA-8840	
6	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	AEA-287, EA-8840	
7	Date of issue of accreditation certificate	11 th December 2017	
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	SABS ENERGY ENVIRO PRIVATE LIMITED	
9	Date of accreditation as accredited energy auditor	11 th December 2017	

10	Type of firm/ private/ Government / NGO etc.	REGISTERED UNDER PRIVATE LIMIED FIRM	
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Mr. Kamleshkumar B. Sangani (Energy Audit Consultant) 90/2 Abhinav Nagar, Chitawad Ring Road, Tin Imali, Indore (R): +91 9428230312 (O): +91 9265238683 (M): +91 9825195502 kamleshsanganisir@gmail.com	
12	Professional postal address with Pin Code of the accredited energy auditor	KAMLESHKUMAR B. SANGANI, 126, Chandra Park Society- 1, Street No. 9, Near: Big Bazaar, 150 Feet Ring Road, Rajkot-360005. Gujarat (India)	
13	E-mail address	kamleshsanganisir@gmail.com	
14	Telephone numbers with STD Code (R) (O) Mobile no:	(R): +91 9428230312 (O): +91 9265238683 (M): +91 9825195502	
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2019	
16	Year of commencement of energy audit of the firm	2019	
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	Energy Audit Consultant	Gujarat Energy Development Agency (GEDA)
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	No other branches	
C	Details of Associated Energy Experts		
19	Number of resource persons available	09 (NINE ONLY)	
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	Name – Mr. Kamleshkumar B. Sangani (AEA-287, EA-8840) Qualification – M. E. Mechanical- Heat Power, B. E. (Mechanical), M.B.A.-Marketing, Boiler Proficiency Engineer (BOE) Experience – 5 years Industrial Experience the field of Utilities and power plant With various industries such as Petrofils co-operative limited, Nirma, Searchchem Industries. More than 20 years as an academican in Engineering Institution, More than 10 years experience as an Energy Auditor and solar power plant consultant. More than 10	

		<p>years Technical training experience with various well known industries such as Reliance, Essar Oil, Essar Power, IFFCO, etc.</p> <p>Sectors – Thermal and Heat Recovery System and Mechanical System, Thermal Power Plant, Chemical Process Plant, Aluminum Plant, Textile Plant, Foundry Industry, Zinc Ingots Manufacturer, Paper Mill, Ceramic Industry, Brass Parts Industry, Processed Food Industry Polypropylene (PP) Box Straps Manufacturer, Packaging box, Electrical Accessory Manufacturer, Engine Valves & Spares Manufacturer, Government (Offices, Engineering College, University etc.), Banking Sector (National, Co-operative etc.), Engineering Association etc.</p>
	<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>	<ul style="list-style-type: none"> • Mr. Sanjay Singh (EA-1462) • Mr. Rambabu Raghuwanshi (EA-29059)
21	<p>Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception</p>	<p>Cellulose Industry, Foundry Industry, Cement Industry, Zinc Ingots Manufacturer, Paper Mill, Ceramic Industry, Indian Railway (Western Region), PV Solar Power Plant, Gas Based Heat Pump Technology, Brass Parts Industry, Processed Food Industry Polypropylene (PP) Box Straps Manufacturer, Packaging box, labels, stickers, tags Manufacturer, Electrical Accessory Manufacturer, Engine Valves & Spares Manufacturer, Government (Offices, Engineering College, University etc.), Health Care (Civil Hospital, Multispecialty Hospital etc.), Banking Sector (National, Co-operative etc.), Engineering Association etc.</p>
22	<p>Subject wise expertise</p>	<p>Investigative Expertise - Energy Audit, Energy Conservation, Energy Management.</p> <p>Equipment Failure Analysis - Electric Motors, Electric Generators, Refrigeration, Compressor, Electrical Furnaces.</p> <p>Electrical Measurements & Design - Voltage, Current, Power Factor, kW, kVAR, kVA, Maximum Demand, Transients, THD.</p> <p>Safety Audit - Electrical and Static Electricity Hazards in Plant.</p> <p>Thermal Imaging - Transmission Line, Generator, Electric Motor, Transformers, Switchgear, UPS, Mechanical Coupling, Solar Panels, Thermal Utilities.</p> <p>PV Solar Power Plant EPC - Detailed planning, design, execution and power quality monitoring and execution of project for the industrial rooftop and ground mounted solar power plants.</p> <p>Electrical Earthing System Design - Detailed planning, design and execution of earthing system. 3-Pole, 4-Pole, 2 clamps earth resistance measurement. Soil resistivity</p>

		measurement.
		Pump Testing - Efficiency measurement of pumping installation
		Flue Gas Analysis - Determination of the completeness of the combustion of the carbon in the fuel.
		Electrical Design & Drafting - Building Electrical Wiring, Electrical Lighting Design, Motor Panel Design.
(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	Cellulosic Plant
(b)	Energy audit thermal utility system (list sectors)	Thermal Power Plant, Aluminum plant, Cellulosic Plant, Casting Industries, Ceramic Industries, Paper Industry, Plastic Industry, Foundry Industry (Investment Casting, CI, Sand Casting etc.), Ceramic Industry, Processed Food Manufacturer, Boilers, Thermic Fluid Heater, Air Compressors, Blowers, Pumps, Flue Gas analysis, Combustion Optimization, Cooling Towers etc.
(c)	Energy audit electrical utility system (list sectors)	Thermal Power Plant, Aluminum plant, Cellulosic Plant, Casting Industries, Ceramic Industries Foundry Industry, Cement Industry, Zinc Ingots Manufacturer, Paper Mill, Ceramic Industry, Indian Railway (Western Region), PV Solar Power Plant, Gas Based Heat Pump Technology, Brass Parts Industry, Processed Food Industry Polypropylene (PP) Box Straps Manufacturer, Packaging box, labels, stickers, tags Manufacturer, Electrical Accessory Manufacturer, Engine Valves & Spares Manufacturer, Government (Offices, Engineering College, University etc.), Health Care (Civil Hospital, Multispecialty Hospital etc.), Banking Sector (National, Co-operative etc.), Engineering Association , Hotels, resorts etc.
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> • Three Phase Power Analyzer – Make: KryKard – Model : ALM-31 – 01 Nos • Portable Ultrasonic Flow Meter – Make : SBEM – Model : 153-UCH – 01 Set • Portable Ultrasonic Flow Meter – Make : BURHAN – Model : TDS-100H – 01 Set • Clamp on Meter with PT – Make : MECO – Model : 3510 PHW – 01 Nos • CLAMP ON METER – Make : MESTECH – Model : MS2205 – 01 Nos • TDS Meter – Make : HM – Model : TDS-3 – 01 Nos • Pressure Gauge – Make : Pointer – Model : SS-4”-

		<p>10.6 kg/cm²-GF – 01 Nos</p> <ul style="list-style-type: none"> • Lux Meter – Make : HTC – Model : LX-101A – 01 Nos • Anemometer – Make : Lutron – Model : AM-4201 – 01 Nos • Hygrometer – Make : Testo – Model : Testo-625 – 01 Nos • Stroboscope – Make : Bosch – Model : GLM40 – 01 Nos 	
	(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> • Digital Themometer – Make : Multi – Model : ST-9283B – 01 Nos • Infrared Thermometer – Make : Fluke – Model : 62 Mini IR – 01 Nos • Thermal Imager – Make : Testo – Model : 868 – 01 Nos • Flue Gas Analyser – Make : Testo – Model : 300 – 01 Nos • Pitot Tube – Make : Testo – Model : 512 – 01 Nos • Pitot Tube Manometer – Make : Testo – Model : 512 – 01 Nos 	
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit		
(i)	GEDA Sponsored 1 day EC awareness workshop for engineering colleges in Gujarat (Energy Conservation, Energy Scenario, Systems Approach, Energy Audit and EC Opportunities in Motors, Lighting, Pumps, Fans, Refrigeration, Boilers, Compressors, and Furnaces)	Expert Trainer & Speaker	<ul style="list-style-type: none"> • Marwadi Education Foundation's Group of Institutions – Rajkot • Atmiya Institute of Technology & Science – Rajkot • Government Engineering College – Bhuj • Darshan Institute of Engineering and Technology - Rajkot • VVP Engineering College – Rajkot • Government Engineering College – Rajkot • Christ Polytechnic – Rajkot • Noble Engineering College – Junagadh • Sanjaybhai Rajguru College of Engineering, Rajkot • J.M. Sabhva engineering college, Botad • R.K. University, Rajkot • Atimya Institute of Technology, Rajkot • Dr.Subhash Technical Campus, Junagadh • A.V. Parekh Technical Institute , Rajkot

			<ul style="list-style-type: none"> Government Polytechnic College , Rajkot
(ii)	Energy Conservation Awareness for Industrial Sectors for Morbi Industrial Sectors	Expert Trainer & Speaker	PGVCL Rajkot
(iii)	Energy Conservation Awareness Programme for Industrial people	Expert talk on Energy Conversion and opportunities in small and medium scale industries	Sponsored by GEDA & Organized by Lodhika GIDC, Aji GIDC, Shapar GIDC
(iv)	Energy Audit & RE Survey Programs		<ul style="list-style-type: none"> Pt. Dindayal Upadhyay Arts & Commerce (Leading) College for Govt. College Kesli Pt. Dindayal Upadhyay Arts & Commerce (Leading) College for Govt. College Malthon Govt. College Law Dewas S.T.P. Govt. Science College Dewas Chandrashekhar Azad PG Advance college Sehore for Govt. College Jawarnagar Chandrashekhar Azad PG Advance college Sehore for Govt. College Ladkui Govt. College Chandla Govt. College Gunour, Dist. Panna (M.P.) Chhtrasal Post Graduate College Panna S.N. Govt. P.G. College Maharaja Bhoj Govt PG College Dhar Govt. Degree College Bagh Govt Degree College Alampur Mata Jija Bai Govt. Post Graduate Girls College Indore Holkar Science College Artemis Hospital Gurgaon Haryana Madhya Pradesh Urja Vikas Nigam (MPUVN) (apex) GB Enterprises ,Rohtak Haryana Reserve Bank of India Madhya Pradesh Urja Vikas Nigam (MPUVN) for Sagar

			<p>Central Jail for Reva Central Jail, Satn Central Jail</p> <ul style="list-style-type: none"> • Nagar Palika Jaora • Nagar Palika Parishad Pithampur • Nagar Palika Parishad Pithampur for Prepare DPR for Central Light on MHOW-NEEMUCH ROAD (from Choupati-Dak Banglow) • Nagar Palika Parishad Chanderi • Vishal Feb Pvt. Ltd. Unit II • Centre of Energy Studies, Indore • Centre of Energy Studies & Research, Indore Impact Assessment study of solar Water Pumping System in • Chhatisgarh • Shankarrao Chavan Mahavidhyalaya Ardhapur Nanded • Rajiv Gandhi Maha vidhyalaya Mudkhed Distt. Naded College • Nagar Palika Nigam, Burhanpur • Madhya Pradesh Urja Vikas Nigam (MPUVN) for • Career College • Ujjain Development Authority at Chintaman Jawasai Mahakaleshwar goushala for Supply & Erection of Biogas plant • National Productivity Council Bhubaneshwar Orissa for Ultratech Cement Ltd., Hirmi Cement Works • National Productivity Council Bhubaneshwar Orissa for Ultratech Cement Ltd., Baikunth Cement Works, CG • National Productivity Council Bhubaneshwar Orissa for Adani Enterprises Ltd,PKEB Mines Sarguja, CG • Federation of Indian Chambers of Commerce and Industry (FICCI) for JSW Ispat Special Products Limited CG
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			<ul style="list-style-type: none"> • Federation of Indian Chambers of Commerce and Industry (FICCI) for Mahendra Sponge & Power Ltd (Unit II) • Federation of Indian Chambers of Commerce and Industry (FICCI) for Phil Coal Benefication Pvt. Ltd • Federation of Indian Chambers of Commerce and Industry (FICCI) for Nav Durga Fuel (P) Ltd. • Federation of Indian Chambers of Commerce and Industry (FICCI) for Scania Steels & Power Limited
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D	Remarks(if any)
	<ul style="list-style-type: none"> • Mr. Kamleshkumar B. Sangani is <ul style="list-style-type: none"> ▪ Having 5 years of industrial experience in various industries in utilities and power plant such as <ul style="list-style-type: none"> (1)Petrofils Co-Operative Limited, Vadodara (2)Nirma LAB plant, Vadodara (3) SEARCHCHEM Industries Limited, Jhagadia, Bharuch ▪ Having more than 20 years of experience in the field of academics in the area of thermal engineering ▪ Having more than 10 years of experience in the field of industrial solar rooftop power plants & ground mounted solar power plants as an EPC ▪ Boiler Proficiency Engineer (BOE) Certified by Gujarat State Government. ▪ Authorized Energy Audit consultant by GEDA (Gujarat Energy Development Agency) ▪ Having excellent technical training track record and conducted many technical training programs in various industries such as Reliance Industries Limited, Essar Oil, Essar Power, IFFCO etc. in association with India Boiler dot Com, Vadodara – Professional Technical Training Company in the field of Boilers and Power plants. ▪ Also registered Energy Auditor with Energy Efficiency Management Office, Ministry of Energy and Public Utilities, Mauritius.

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