


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

Serial Number (AEA- 0342)			As on : 18/09/2025
A.			
1	Name of accredited energy auditor	KARTHICK VENGATESH KUMAR M	
2	Father's name	MOOKKAIYA R	
3	Date of certification as Energy Manager	22/04/2019	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	22/04/2019	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-29845 EA-29845	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	CEM BEE Certificate Registration No: 15986 CEA NPC Provisional Certificate No: 9836	
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	Industrial Energy Assessment Cell (IEAC) Indian Institute of Technology - Madras	
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)	Dr. Satyanarayanan Seshadri Associate Professor, Dept of Applied Mechanics Indian Institute of Technology – Madras Tamilnadu Pin – 600036, Ph: 044-22574078 Website - https://www.kisem.org
12	Professional postal address with Pin Code of the accredited energy auditor	Mr. Karthick Vengatesh Kumar, FMB-110 Fluid Mechanics, Industrial Energy Assessment Cell (IEAC), Dept. Applied Mechanics Indian Institute of Technology – Madras Tamilnadu Pin – 600036 Ph: 044-22578978
13	E-mail address	ieac2@icsrpis.iitm.ac.in
14	Telephone numbers with STD Code (R) (O) Mobile no:	+91-9003359811 +91-044-22574078
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2018
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.)	ISO 14064 – Lead GHG Verifier on ISO 14064 -1, ISO 14064 -2, ISO 14064 -3
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Head Office: Industrial Energy Assessment Cell (IEAC), FMB-110 Fluid Mechanics, Dept. Applied Mechanics Indian Institute of Technology – Madras Tamilnadu Pin – 600036 Ph: 044-22578978

Branch Centers:

1. Indian Institute of Technology – Bombay

Room No:601,
Department of Energy Science Engineering,
Powai, Mumbai-400076
Ph:+91 (22) 2576 7214

2. Indian Institute of Technology – Indore

Spray Lap,302, Pod 1B(Titanium)
Simrol, Indore-453552
Ph: +91 731 6600507

3. Indian Institute of Technology - Ropar

Room No:20,3rd Floor, Part-2,SAB,
Department of Chemical Engineering,
Punjab-140001
Ph: +91-1881-242104

4.Indian Institute of Technology - Gandhinagar

Academic Block 13,Office No.326,Near gift palaj
Gandhinagar-382355
Ph: 079-2395- 2414

5. Indian Institute of Technology - Guwahati

CR Lap,2nd Floor,
Department Of Chemical Engineering,
Guwahati, Assam-781039
Ph: +91 361 258 2277

6.Indian Institute of Technology - Hyderabad

518B,A-Block,Chemical Engineering,
Kandi,Sangareddy district,
Telagana-502284
Ph: (040) 2301 - 6223

C	Details of Associated Energy Experts	
19	Number of resource persons available	Eleven Er. Dhipan Kumar, MS Er. Kartheeswaran, B. Tech Er. Gowshik, M. Tech Er. Sairamana, M. Tech Er. Jeriel, M. Tech Er. Harish M. Tech Er. Paneer Selvam, M. Tech Er. Darwin Dayanandan, M. Tech Er. Jeevanantham Er. Selvaganesh, DEEE Er. Jeyaprakash, DEEE
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	TWO Er. Karthick Vengatesh Kumar M, CEA – 29845 (Exp – 11 years, B. Tech (EEE)) Er. Sairamana N, CEA – 35296 (Exp – 3 years, M. Tech (Energy & Environment))
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	SIX Er. Aneesh Rajendran, AEA – 0339 Er. Rahul Jeyantibhai Patel, CEA – 30215 Er. Renjith Raj R, CEA – 32074 Er. Sreekanth PK, CEA – 34791 Er. Sairamana, CEA – 35296 Er. Nageswara, CEA – 30528
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	1. Textile Sector.
22	Subject wise expertise	<ul style="list-style-type: none"> ▪ Demand Side Management ▪ Transformer ▪ Power Quality Assessment ▪ Reactive Power Balancing ▪ Motors & Drives ▪ Compressed Air Systems ▪ HVAC systems ▪ Pumps ▪ Fans & Blowers ▪ Cooling Towers ▪ Furnaces ▪ Boiler & Steam systems ▪ Thermic Fluid Heater

		<ul style="list-style-type: none"> ▪ Waste Heat Recovery ▪ Renewable Energy
(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	<ul style="list-style-type: none"> ▪ Textiles Industries ▪ Paper & Pulp Industries ▪ Dairy Industries ▪ Effluent Treatment Plants ▪ FMCG Industries ▪ Watch Manufacturing ▪ Leather Industries
(b)	Energy audit thermal utility system (list sectors)	<ul style="list-style-type: none"> ▪ Textiles Industries ▪ Paper & Pulp Industries ▪ Dairy Industries ▪ Pharmaceutical Industries ▪ FMCG ▪ Effluent Treatment Plants ▪ Commercial Buildings ▪ Foundry Industries ▪ Paint Manufacturing ▪ Oil & Refinery ▪ Rubber Industries ▪ Biscuit Manufacturing ▪ Leather Industries ▪ Glass Manufacturing
(c)	Energy audit electrical utility system (list sectors)	<ul style="list-style-type: none"> ▪ Textiles Industries ▪ Paper & Pulp Industries ▪ Chlor- Alkali Industries ▪ Dairy Industries ▪ Pharmaceutical Industries ▪ FMCG ▪ Effluent Treatment Plants ▪ Commercial Buildings ▪ Forging Industries ▪ Foundry Industries ▪ Paint Manufacturing ▪ Oil & Refinery ▪ Engineering Industries ▪ Rubber Industries ▪ Lift Manufacturing ▪ Leather Industries ▪ Glass Manufacturing ▪ Cold Storage Plants

23	Instruments available		
	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> Power Analyzer with LT and Indirect HT sensors (4 Sets) AC /DC Power Clamp meter (4 Sets) AC/DC Clamp meter Lux meter 	
	(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> Ultrasonic Flowmeter (3 Sets) Ultrasonic Thickness Gauge Thermal Imager (2 Sets) Temperature Logger with 4 Thermocouple Probes Temperature & Humidity Logger Sling Hygrometer Differential Pressure Logger with Pitot tube Flue Gas Analyzer (2 Sets) Steam Trap Tester Compressed Air Flow Meter (Inline) Compressed Air Flow Meter (Portable) Vane Anemometer IR Tachometer 	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	See Below	

Description	Date	Venue
Conference on Energy and Carbon Management – Case studies, Progress & Future directions	13 th & 14 th June 2025	IIT Guwahati
De-Carbonizing Indian Industries through Biomass and Energy Optimization	31 st May 2025	IIT Indore
International Conference On Carbon Market – Prakriti 2025	24 th & 25 th February 2025	BEE – New Delhi
Workshop on Enhancing Energy Efficiency in MSME Industries	26 th February 2024	IIT Gandhinagar
Workshop on Enhancing Energy Conservation Measures in MSMEs - Barriers & Way forward	10 th January 2024	IIT Bombay
Enabling Energy Efficiency in Indian MSME Industries	8 th December 2023	IIT Madras, Chennai

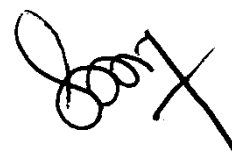
Workshop on Energy Efficiency & Carbon Trading	30 th June 2023	IIT Madras, Chennai
Water Audit for Industries & Large Apartments	2 nd to 4 th March 2023	Chennai Metro Water SSB
Energy Summit 2022	8 th to 9 th December 2022	IIT Madras, Chennai
Workshop on Enhancing Energy Efficiency in MSME Industries	01 st July 2022	IIT Madras, Chennai

D	Remarks (if any)
	Received National level Best Energy Auditor for the year 2023 from the Society of energy engineers & managers (SEEM Awards – 2023)

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

I hereby state that information furnished above is true and correct to the best of my knowledge.

Chennai, TN



Karthick Vengatesh Kumar
CEA – 29845
Senior Lead Energy Auditor
IEAC – IIT Madras