



Energy Management Centre - Kerala
(Department of Power, Govt of Kerala)

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Greenfinch Real-estate Engineers and Consultants Pvt Ltd**, (610, 6th Floor, Horizon Tower, Jewel of India, JLN Marg, Jaipur, Rajasthan - 302018) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

Empanelment No:
EMCEEA- 5926F

Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

This empanelment is valid up to 21/01/2029

Issuing Date: 22/01/2026

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

Information of firm	
1.	Name & address of the firm M/s. Greenfinch Real Estate Engineers and Consultants Pvt. Ltd. 610, 6th Floor, Horizon Tower, Jewel of India, JLN Marg, Jaipur, Rajasthan - 302018
2.	Office(with STD) +91 141-4793630
	Mobile +91 9828282292
	Fax number NA
2.	Website (if any) https://www.greec.in/
3.	Email address a m i t . d a s s @ g r e e c . i n
4.	Name ,Designation and address of Contact person Dr. Amit Kumar Dass Director & CEO 302, Horizon Tower, Opp. Jaipur Stock Exchange, Amer Clark Hotel, Jaipur 302018
5.	Office(with STD) +91 141-4793630
	Residence(with STD)
	Mobile +91 9828282292
6.	Email address a m i t . d a s s @ g r e e c . i n
7.	Year of establishment 2024
8.	Year of commencement of energy audit by the firm. 2024
9.	No. of branch offices 42 (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)

Details of Associated Energy Experts and Audits Conducted by firm

1.	Number of resource persons available	523	
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	0	
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	2	
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Building, Thermal Power Plant,	
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Steel and ceramics	
6.	Energy audit of thermal utility system (list sectors)	Steel furnace and Ceramics kilns	
7.	Energy audit of electrical utility system (list sectors)		
8.	Instruments available	(a) Electrical (list the name of the instruments)	Electrical. 1. Clamp meter 2. Power logger 3. Anemometer 4. Ultrasonic flow meter Additional. 1. TDS meter 2. Measuring tape
		(b) Thermal (list the name of the instruments)	Thermal. 1. Flue gas analyzer 2. Thermal imager 3. IR gun

*Bio data of Certified Energy Auditor		
1	Name of energy auditor	VK Srivastava
2.	Qualifications.	BACHELOR OF TECHNOLOGY (Chem Engg.) with Specialization in Petroleum Refining & Polymers in 1981 from Harcourt Butler Technological University, Kanpur Advance Diploma in Business Management from All India Management Association, New Delhi in 1992
3.	Experience. (use additional sheet if required)	In the following sheet
4.	Residence(with STD)	C-100 GF, LaLagune Road, Suncity, Sector 54 Gurugram 122011 India
5.	Mobile	9958111697
6	Email address	virendra.srivastava@greec.in
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	09 October 2014
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	09 October 2014
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	Examination Registration Number EA-6735
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	N/A
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	09 October 2014 AEA-0202
Remarks(if any)—Nil		

RESUME

Name	VK Srivastava	
Contact Information	Phone Number: 9958111697 Email Id: , camvksrivastava@gmail.com Address: C-100 GF, LaLagune Road, Suncity, Sector 54 Gurugram 122011 India	
Proposed Position:	Accredited Energy Auditor	
Educational Qualification:	<ol style="list-style-type: none">1. BACHELOR OF TECHNOLOGY (Chem Engg.) with Specialization in Petroleum Refining & Polymers in 1981 from Harcourt Butler Technological University, Kanpur.2. Advance Diploma in Business Management from All India Management Association, New Delhi in 1992	
Employment Record	<p>Total Experience:-</p> <ol style="list-style-type: none">1. Developed thoro exp. in Total Resource Efficiency aiming Net Zero Carbon.2. Certified Energy Manager & Accredited Energy Auditor(All PAT Sectors)3. Lead Auditor for ISO-50001:2018 EnMS, ISO 14001:2015 EMS, ISO-45001 OHS4. Attended IPMVP-International Procedure for Measurement & Verification Protocol.5. Developed PAT procedure to include Refineries as DC under PAT.6. Certificate Course in Disaster Management Training thru National Disaster Management Authority (NDMA), Hazard Identification and Risk Assessment (HIRA) thru NPC. <p><i>Handwritten signature and date: 22.1.25</i></p>	

Work Experience

Experience in Energy Field:-

- 24 years with Indian Oil Corp. at various position and retired in June, 2020 as General Manager I/c (Energy) working for Refinery Energy Efficiency & Technical Services. Attended courses on TPM and Remote Equipment monitoring.
- 6 years with PCRA during 2010 to 2016 as HOD of Field Activity & R&D. Conducted/Coordinated more than 300 Audits in various sectors of Economy. Coordinated Energy Efficiency Improvement in many SME sectors. During my tenure in PCRA, organized several seminars, conferences, workshops & Flagship event SAKSHAM.
- Carried EA of 3 TPP and M&V of 5 TPP/GPP belonging to Gujrat State, Maharastra State & Reliance during my tenure with PCRA.
- Post retirement working with BEE since May 2021 as Consultant working in the field of Refining & Petrochemical PAT activities (under thorough consultation with CHT) , Building Efficiency thru ESCO mode, Net Positive AAI buildings, SME Sector Efficiency Improvement with UNIDO, Green Hydrogen, Circular Economy.

Major Projects undertaken:-

- Total Energy Management of Refineries & Technical Services.
- Worked for implementation of PAT in Refineries as a regulator & DC.
- Improving Energy Efficiency of PSU Buildings thru ESCO Mode.
- SME Cluster mapping & suggesting improvement on



Energy Usage.

- Mandating Green H2 for Refineries





BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-6735**

Accreditation Registration No.: **AEA-0202**

Certificate of Accreditation

This is to certify that Mr./Ms. **Virendra Kumar Srivastava**.....having its trade/registered office at **New Delhi**..... has been given accreditation as accredited energy auditor. The certificate shall be effective from **9th**.. day of **October 2014**.....

The certificate is subject to the provisions of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

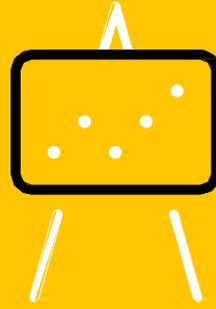
This certificate shall be valid until it is cancelled under regulation 9 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010

On cancellation, the certificate of accreditation shall be surrendered to the Bureau within fifteen days from the date of receipt of order of cancellation.

Your name has been entered at AEA No. **0202** in the register of list of accredited energy auditors. Your name shall be liable to be struck out on the grounds specified in regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

Given under the seal of the Bureau of Energy Efficiency, Ministry of Power, this **16th** day of **January 2015**

Secretary,
Bureau of Energy Efficiency
New Delhi



V KSRIVASTAV

CERTIFICATE NUMBER
202502111524

has successfully completed and passed the examination for the following course:

GHG Accounting Lead Verifier in accordance with ISO 14064 Series

TRAINING DATE:
11 – 15 February, 2025

Course is designed to:

- Explain the requirements of GHG Inventory, SSRs and how to calculate GHG Emissions / Removals, create a carbon management framework, GCS standard, VERRA standard and the necessary supporting documentation.
- The course meets the training requirements for individuals seeking knowledge and application of effective GHG Accounting Management System and includes the assessment of GHG Accounting Management System to conform to the requirements of ISO 14064 series standards and ISO 19011:2018



Authorised Signature:

Intertek India Private Limited



Intertek British MNC listed on London Stock Exchange for Assurance, Testing, Inspection and Certifications Services provider to industries worldwide since 1885 with strong history and resilient brand. Through our network of more than 1,000+ offices and laboratories with over 42,000 people in more than 180 countries, Intertek is re-defining the industry with our Total Quality Assurance proposition.

Intertek Academy

intertek.com

***Bio data of Certified Energy Auditor**

1	Name of energy auditor	Dr. M. THIRUGNANASAMBANDAM
2.	Qualifications.	B.E. in Mechanical Engineering (1986) from Thiagarajar College of Engineering (TCE), Kamaraj University M.Tech (Energy) School of Energy, Bharathidasan University-Trichy Ph.D – kalasalingam University (TN-India)
3.	Experience. (use additional sheet if required)	In the following sheet
4.	Residence(with STD)	3F2 Penquin Apartment, 8/2nd Cross Street, Lake Area, Mattuththavani, Madurai Tamilnadu Zip : 625 107
5.	Mobile	+91 8523969321
6	Email address	dr.sambandam@greec.in
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	16 April 2024
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	16 April 2024
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	CEA : EA- 0636
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	N/A
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	AEA. : AEA- 0337

Remarks(if any)—Nil

Dr. M. THIRUGNANASAMBANDAM

E-mail: drmts1965@gmail.com / mtsambandam@gmail.com Phone: +91
8523969321



Result oriented Mechanical Engineer offering 30 years of experience in Energy Audit and Management, BEE- Accredited Energy Auditor (Building Sector); presently associated with SGS India Pvt. Ltd. as external Resource

- **Overseas Exposure (if any): Yes (Middle East)**

Areas of Expertise

- Carbon Accounting ISO 14064: Part 1,2 &3
- GHG Protocol – Scope-1,2 and 3
- Energy Management
- Energy Audit
- EnMS System Audit (ISO 50001 : 2018)
- EnMS lead Auditor / IA / Awareness Training

Key Skills

- Carbon Accounting – Scope 1,2 &3
- Energy Management System Audit, Awareness, IA and LA Training 9ISO 50001 : 2018)
- Energy Data Analysis , Energy Review, Identification of SEUs, Developing EnPIs/ENB
- Energy Audit Report review (Thermal and Electrical) as per BEE Guidelines

Operations

- Conduct site audit for EnMS
- Efficiency analysis of energy Systems at site
- Identifying energy saving opportunities at site
- Improving data energy data collection and review methods at site

Audits conducted (optional)

- Energy Audit (700 +)
- EnMS site Audit- 30
- Carbon Accounting for Beginners – Book Published

Research Publications

50 + https://scholar.google.co.in/citations?user=QH-zD_oAAAAJ&hl=en

Book Published – 2

Total Work Experience – 30+ Years

Work Experience1

National Small Industries Corporation – India (13 Years)

Responsibilities:

Conduct Energy Audit in Industries

- Testing and Calibration
- Training
- General Administration as head of the Unit at Rajkot - Gujarat

Work Experience-2

Professor Kalasalingam University (10 years)

Responsibilities

- Teaching Energy and Mechanical Engineering Subjects
- Research and Consultancy in Energy management

Work Experience-3

Free Lancer (7 years)

- Energy Audit
- EnMS Audit
- Lead Auditor (IRCA) Training

Professional Affiliation

- QCI-Trained for Carbon Accounting, V&V ISO14064 (Part-1,2 &3)
- IRCA Certificated Principal Auditor for ISO 50001-2018 (Reg. No : 6109170)
- BEE Accredited Energy Auditor for Buildings (AEA-0337) & CEA (EA-0636)
- Empanelment - Lead Auditor & Trainer –SGS (External Resource)

Major Clients

- TNPL Unit-2, Trichy, BHEL-Ranipet, Vdanta (Vizag),– Chennai, CIPLA Bangalore, Honda Motors-Viramgam
- KOTC (kuwait), Kuwait Petroleum
- Standards Carpet-Dubai
- EMICOOL – Dubai
- Aditiya Birila – Cement Plants
- CIPLA
- Royal Enfield
- IT, Hospital & Commercial Buildings

Educational Qualifications:

- B.E. in Mechanical Engineering (1986) from Thiagarajar College of Engineering (TCE), Kamaraj University
- M.Tech (Energy) School of Energy, Bharathidasan University- Trichy
- Ph.D – kalasalingam University (TN-India)





CERTIFICATE OF PARTICIPATION

This certificate is awarded to

DR. M. THIRUGNANASAMBANDAM

for participating in the Virtual Training on
ISO 14064 (Part 1, 2 & 3) – A Comprehensive Training on Greenhouse Gas Emissions Standards

organized by

Training and Capacity Building (TCB) Cell, Quality Council of India

on

29-31 July 2024



आलोक जी
Alok Jain
Director & Head, TCB

Cert No. TCB/QCI/310724/03-010



The International Register of Certificated Auditors (IRCA) confirms

Dr MARUDHAPPAN THIRUGNANASAMBANDAM

Has been awarded the grade of

ENMS - 2018 - Principal Auditor

by the CQI, the professional body for auditing and quality professionals.

Rashad Issa
Rashad Issa CQP FCQI
Chair of the Chartered Quality Institute

Date awarded
31/10/2022

Vince Desmond
Vince Desmond
Chief Executive Officer of the Chartered Quality Institute

RECENT VISUALS – IA Training (ISO 5001-2018)

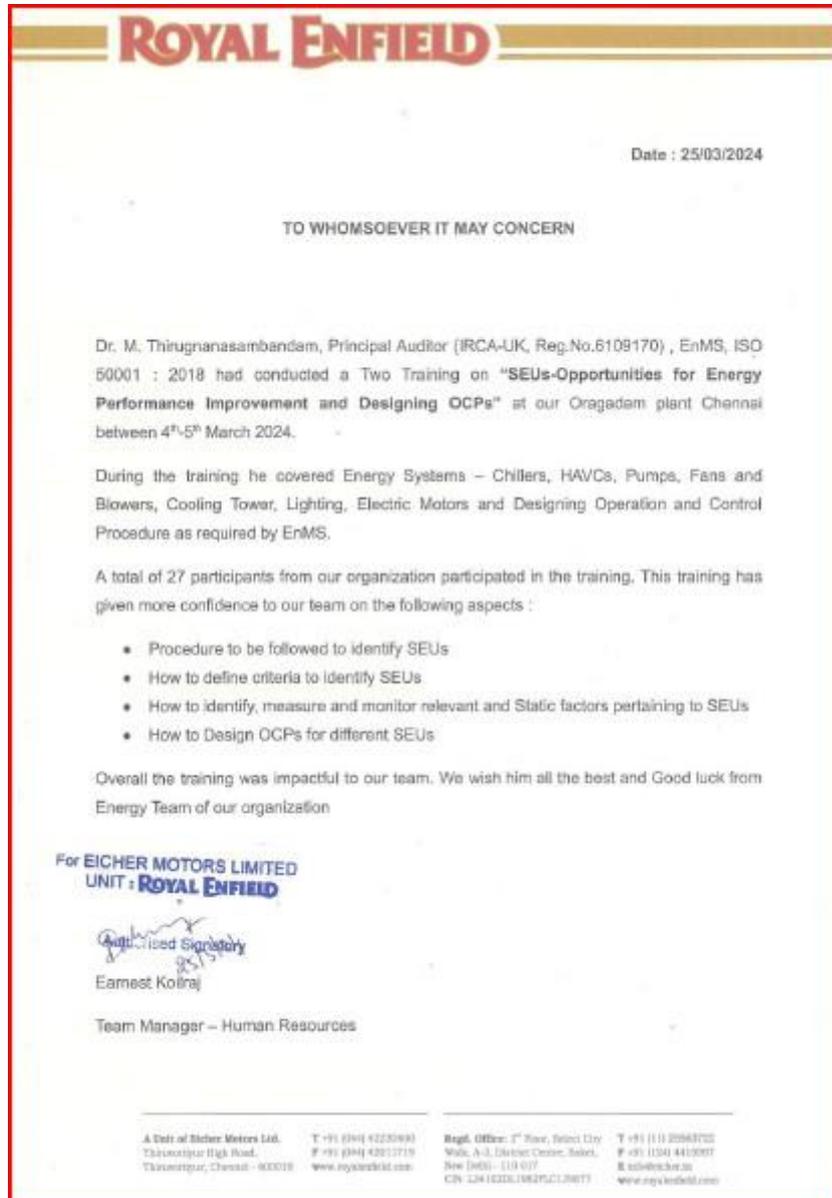


Kovaya, Gujarat, India
Gujarat Cement Works, E-22, GCW Colony, Kovaya, Gujarat 365541, India
Lat 20.905816°
Long 71.460494°
18/06/24 05:11 PM GMT +05:30

- **Personal Details**
Date of Birth: 19/05/1965
- Languages known: English, Tamil and Hindi [Hindi to speak only]
- Address: 3F2 Penguin Apartment, 8/2nd Cross Street, Lake Area, Mattuththavani, Madurai Tamilnadu Zip : 625 107

Achievements:

-Testimonials / recommendations from clients / delegates







ऊर्जा दक्षता ब्यूरो
(भारत सरकार, विद्युत मंत्रालय)
BUREAU OF ENERGY EFFICIENCY
(Government of India, Ministry of Power)



आज़ादी का
अमृत महोत्सव

10/02/Accred./BEE/24 / 253 16th अप्रैल, 2024

Dr. M. Thirugnanasambandam
M/s GSH India Pvt Ltd,
No. 7/7th Street-Gopalapuram,
Chennai- 600096
Mob: 8523969321/8526208097

Sub: Application for accreditation as accredited energy auditor- reg.
विषय: मान्यता प्राप्त ऊर्जा लेखा परीक्षकों के रूप में मान्यता के लिए आवेदन।

Sir,
महोदय,

This is with reference to your application for the accreditation of Energy Auditors and the subsequent Oral interview you had before the Accreditation Advisory Committee on 05th April, 2024 at BEE office, New Delhi.

प्रत्यापन सलाहकार समिति के समक्ष ऊर्जा लेखा परीक्षकों की मान्यता के लिए आपका आवेदन और उसके बाद के मौखिक साक्षात्कार के लिए आपका आवेदन 05th अप्रैल, 2024 को ऊर्जा दक्षता ब्यूरो कार्यालय, नई दिल्ली में लिया गया।

We are pleased to inform that the Accreditation Advisory Committee has recommended your name for the accreditation as Accredited Energy Auditor in **Building Sector**. Your name will be included in the list of Accredited Energy Auditor for above mentioned Sector, maintained by BEE on its website (www.beeindia.gov.in).

हमें यह बताने हुए प्रसन्नता हो रही है कि प्रत्यापन सलाहकार समिति ने मान्यता के लिए आपके नाम की सिफारिश प्रबल क्षेत्र में मान्यता प्राप्त ऊर्जा लेखा परीक्षकों के रूप में की है। आपका नाम बीईई द्वारा अपनी वेबसाइट (www.beeindia.gov.in) पर उपरोक्त क्षेत्र के लिए मान्यता प्राप्त ऊर्जा लेखा परीक्षकों की सूची में शामिल किया जाएगा।

भवदीय

(सबी बांगड़ा)
परियोजना अभियंता

M. Sambandam

Date: 12 Mar 25

THIRUGNANASAMBANDAM Madurai (TN)

No : 6109170)

Dr. M.

(IRCA Reg.



IRCA CERTIFICATED PRINCIPAL AUDITOR
ENERGY MANAGEMENT SYSTEMS



*Bio data of Certified Energy Auditor		
1	Name of energy auditor	Braj Mohan Sharma
2.	Qualifications.	M.Tech. Production Engineering Govt. Engineering College, Ajmer B.Tech. Mechanical Engineering SKIT College, Jaipur
3.	Experience. (use additional sheet if required)	In the following sheet
4.	Residence(with STD)	7, moti vihar, panchyawala sirsi road, jaipur, rajasthan, 302034
5.	Mobile	91-7790984294
6	Email address	brajmohan.sharma@grec.in
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	23 January 2026
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	Reg No: EM-12126/25
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	Certificate No: 11553
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	
Remarks(if any)—Nil		



Braj Mohan Sharma

ENERGY MANAGER (MECHANICAL ENGINEER)

PROFILE

An experienced Energy Auditor and Consultant specializing in industrial energy efficiency, sustainability, and process optimization. Skilled in conducting compliance, MEA, and IREE energy audits, preparing ECMs, and performing baseline (HDD & CDD) data analysis across steel re-rolling, forging, building, and hotel sectors. Passionate about promoting sustainable energy practices, with a focus on delivering measurable energy savings, cost reduction, and long-term efficiency improvements through innovative and data-driven solutions.

PROFESSIONAL EXPERIENCE

Energy Manager (Vice President)

Greenfinch Real Estate Engineers and Consultant | March 2025-Present

- **Steel Sector Energy Optimization:** Performed energy audits across 20+ Re-rolling and Concast Steel Industry.
- **GHG Baseline Development:** Established greenhouse gas (GHG) baseline for the steel sector.

Energy consultant

Design2Occupancy | Dec 2023 - April 24

Multi-skilled professional specializing in energy audits, regulatory compliance, BEE Star Labeling of buildings, and PAT Scheme implementation, delivering impactful energy efficiency solutions.

- Energy audit : Compliance energy audits/ Mandatory energy audit/ M&V energy audit/IREE energy audits.
- Data Analysis and Baseline Establishment.
- Building Star Labeling by Bueuru of Energy Efficiency.
- PAT (Perform Achieve and Trade) Scheme by BEE.

SKILLS

- Electricity Bill Analysis
- Baseline based on Energy Data w.r.t HDD and CDD
- Cost Benefit Analysis and IRR for Energy Efficiency Projects
- Team work
- Organized

CONTACT

+91-7790984294
sharmabrajmohan77@gmail.com
[LinkedIn.com/brajmohansharma](https://www.linkedin.com/in/brajmohansharma)

EDUCATION

M.Tech.

Production Enginnering
Govt. Engineering College,
Ajmer
2018-2021

B.Tech.

Mechanical Engineering
SKIT College, Jaipur
2014-2018

SOFTWARE SKILLS

- AutoCAD
- Microsoft Excel
- Fluke Energy Analyze
- Anova Analysis

HOBBIES

- Photography
- Playing Cricket
- Watching Web Shows
- Traveling
- Hiking

Reg No.: EM-12126/25



Certificate No.: 11553

National Productivity Council
(National Certifying Agency)

PROVISIONAL CERTIFICATE

This is to certify that Mr. / Mrs. / Ms. **BRAJ MOHAN SHARMA**
son / daughter of Mr. **SHRIPAL SHARMA**.....has passed the National
Certification Examination for Energy Managers held in *September 2025*.....conducted on behalf of the
Bureau of Energy Efficiency, Ministry of Power, Government of India.

He / She is qualified as **Certified Energy Manager**. This certificate is valid till the Bureau of Energy
Efficiency issues an official certificate.

Place: Chennai, India

Date : **23rd January 2026**

Digitally Signed: SARAVANAN GOPALAKRISHNAN
Fri Jan 23 12:18:57 IST 2026
CoE, NPC AIP Chennai

Controller of Examination