



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

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Mitcon Consultancy & Engineering Services Ltd**, (1st Floor, Kubera Chambers, Shivajinagar, Pune, Maharashtra – 411 005), 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- 2412F-3

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

This empanelment is valid up to 04th August 2027

Issuing Date: 07/12/2024

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

| | | Information of firm |
|----|---|---|
| 1. | Name & address of the firm | M/s. MITCON Consultancy & Engineering Services Limited 1 st Floor, Kubera Chambers, J. M. Road, Shivajinagar, Pune – 411 005, Maharashtra. |
| 2. | Office(with STD) | +91-20-66289125 |
| | Mobile | +91-7447420680 |
| | Fax number | - |
| 2. | Website (if any) | https://www.mitconindia.com/ |
| 3. | Email address | t e n d e r c e l l @ m i t c o n i n d i a . c o m |
| 4. | Name, Designation and address of Contact person | Name: Mr. Sandip Bhosale Designation: Assist. Vice President Address: 1 st Floor, Kubera Chambers, J. M. Road, Shivajinagar, Pune – 411 005, Maharashtra. |
| 5. | Office(with STD) | +91-20-66289125 |
| | Residence(with STD) | - |
| | Mobile | +91-7447420680 |
| 6. | Email address | s a n d i p . b h o s a l e @ m i t c o n . c o m |
| 7. | Year of establishment | 1982 |
| 8. | Year of commencement of energy audit by the firm. | 2000 |

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| 9. | <p>No. of branch offices</p> <p>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)</p> | <p>1. <u>Delhi Office:</u> Name: Mr. Yash Priyam Designation: Chief Manager Tel. No.: +91-11-66181200 Mob: +91-7065165225 Email: yash.priyam@mitconindia.com Address: 3rd Floor, Smart works, Vardhman Trade Centre, Lala Lajpat Rai Road, Nehru Place, New Delhi – 110019</p> <p>2. <u>Ahmedabad Office:</u> Name: Mr. Chintan Shah Designation: Assistant Vice President Mob: +91 9978836764 Email: chintan.shah@mitconindia.com Address: 215, 2nd Floor, Ratna Business Square, Opp. H.K. College, Ashram Road, Ahmedabad-380 009, Gujarat</p> <p>3. <u>Mumbai Office:</u> Name: Mrs. Nisha P Mulay Designation: Assistant Vice President Tel. No.: +91-22-22828200 Fax No.: +91-22-22024553 Mob: +91-9769930055 Email: Nisha.Mulay@mitconindia.com Address: 1402/1403, 14th Floor, Dalamal Towers, Free Press Journal Marg, 211 Nariman Point, Mumbai - 400 021</p> |
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Details of Associated Energy Experts and Audits Conducted by firm

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|----|---|--|
| 1. | Number of resource persons available | 10 Nos |
| 2. | Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm | 04 Nos (List enclosed separately) |
| 3. | No. of part-time energy auditors in position during the current year / previous year associated with the firm. | 03 Nos (List enclosed separately) |
| 4. | Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector | List enclosed separately |
| 5. | Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. | <ol style="list-style-type: none"> 1. Pharmaceuticals 2. Petrochemicals 3. Textile 4. Sugar 5. Distilleries 6. Food Processing 7. Pulp & Paper 8. Rubber & Tire 9. Plastics 10. Glass 11. Plywood 12. Fertilizers / Acid Plants 13. Ceramics & Cement |
| 6. | Energy audit of thermal utility system (list sectors) | <ol style="list-style-type: none"> 1. Pharmaceuticals 2. Textile 3. Sugar 4. Distilleries 5. Food Processing 6. Pulp & Paper 7. Rubber & Tire 8. Plastics 9. Glass 10. Fertilizers / Acid Plants 11. Iron & Steel 12. Chemicals 13. Foundry 14. Engineering 15. Aluminium |
| 7. | Energy audit of electrical utility system (list sectors) | <ol style="list-style-type: none"> 1. Pharmaceuticals 2. Textile 3. Sugar 4. Distilleries 5. Food Processing 6. Pulp & Paper |

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| | | | <ol style="list-style-type: none"> 7. Rubber & Tire 8. Plastics 9. Glass 10. Fertilizers / Acid Plants 11. Foundry, 12. Engineering, 13. Hotels & Commercial Establishment, 14. Water Works, 15. Plywood, 16. Demand Side Management Studies, 17. Gems & Jewelers, 18. Mines & Ores, 19. Hospitals, 20. Safety Audits, 21. Water Audits, 22. Hydro – Geological Survey & Rain Water Harvesting System, 23. Distribution Company |
| 8. | Instruments available | (a) Electrical (list the name of the instruments) | <ol style="list-style-type: none"> 1. Power Quality Analyser 2. Krykard Portable Load Manager 3. Digital Earth Tester 4. Digital Clamp Meter 5. Lux Meter |
| | | (b) Thermal (list the name of the instruments) | <ol style="list-style-type: none"> 1. Thermal Imager 2. Ultrasonic Flow Meter 3. Pressure gauge 4. Infrared Thermometer 5. Anemometer 6. Temperature and Humidity data logger 7. Thermal Imager 8. Flue Gas Analyzer |

***Bio data of Certified Energy Auditor**

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|---|--|---|---------------|------------------------|---------|-------------------|----------------------------|----------|--------------------------|----------|-----------|-------------|-----------------------------------|---|
| 1 | Name of energy auditor | Mr. Dhawal Marghade | | | | | | | | | | | | |
| 2. | Qualifications. | B. E. (Electrical & Electronic) | | | | | | | | | | | | |
| 3. | Experience. (use additional sheet if required) | Listed below | | | | | | | | | | | | |
| 4. | Residence(with STD) | - | | | | | | | | | | | | |
| 5. | Mobile | 8605728840 | | | | | | | | | | | | |
| 6 | Email address | dhawal.marghade@mitconindia.com | | | | | | | | | | | | |
| 7 | Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil | Energy Manager/Auditor, Certificate No. 9817/19, Dated 22/04/2019 | | | | | | | | | | | | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 22/04/2019 | | | | | | | | | | | | |
| 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.) | (i) EA-29620 (Certificate copy is enclosed) (ii) EA-29620 (Certificate copy is enclosed) | | | | | | | | | | | | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | (i) 15967/19 (Certificate copy is enclosed) (ii) 9817/19 (Certificate copy is enclosed) | | | | | | | | | | | | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | No | | | | | | | | | | | | |
| <p>List of Completed Projects:</p> <p>Project 1:</p> <table border="1"> <tr> <td>Project Name:</td> <td>Mandatory Energy Audit</td> </tr> <tr> <td>Client:</td> <td>Shyam Sel & Power</td> </tr> <tr> <td>Start Date (Month & Year):</td> <td>Mar'2023</td> </tr> <tr> <td>END Date (Month & Year):</td> <td>Mar'2023</td> </tr> <tr> <td>Location:</td> <td>West Bengal</td> </tr> <tr> <td>Brief Description of the Project:</td> <td>Energy Audit of Plant Utility & Process</td> </tr> </table> | | | Project Name: | Mandatory Energy Audit | Client: | Shyam Sel & Power | Start Date (Month & Year): | Mar'2023 | END Date (Month & Year): | Mar'2023 | Location: | West Bengal | Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Name: | Mandatory Energy Audit | | | | | | | | | | | | | |
| Client: | Shyam Sel & Power | | | | | | | | | | | | | |
| Start Date (Month & Year): | Mar'2023 | | | | | | | | | | | | | |
| END Date (Month & Year): | Mar'2023 | | | | | | | | | | | | | |
| Location: | West Bengal | | | | | | | | | | | | | |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process | | | | | | | | | | | | | |

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| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 6.5 Lacs |

Project 2:

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|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Steel |
| Start Date (Month & Year): | Mar'2023 |
| END Date (Month & Year): | Mar'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 7.0 Lacs |

Project 3:

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|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-A) |
| Client: | BEE |
| Start Date (Month & Year): | Feb'2021 |
| END Date (Month & Year): | Dec'2021 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | DISCOM |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 7 Lacs |

Project 4:

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|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-D) |
| Client: | BEE |
| Start Date (Month & Year): | Jan'2022 |
| END Date (Month & Year): | May'2022 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |

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| Cost of Project: | 12 Lacs |
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Project 5:

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|-----------------------------------|---|
| Project Name: | Detailed Energy Audit |
| Client: | SRF Limited |
| Start Date (Month & Year): | Sept 2021 |
| END Date (Month & Year): | Oct 2021 |
| Location: | Madhya Pradesh |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Textile |
| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 3.77 Lacs |

Some assignments handled are:

Energy Audits:

- Detailed Energy Audit at Jindal Power Ltd (2 x 250 MW), Raigarh, Chhattisgarh
- Detailed Energy Audit Satna Cement Works, Satna, Madhya Pradesh
- Detailed Energy Audit Jayaswal Neco Industries Ltd, Raipur, Chhattisgarh
- Detailed Energy Audit Vaswani Industries, Siltara, Chhattisgarh
- Detailed Energy Audit Ambuja Cements, Bhatapara, Chhattisgarh
- Detailed Energy Audit Hi-Tech Power and Steels, Tilda, Chhattisgarh
- Detailed Energy Audit at Singareni Thermal Power Plant (2x600 MW), Pegadapalli, Telangana
- Proposed various modifications in Singareni Thermal Power Plant Under Energy Efficiency division
- Assessment of "Demand Side Management(DSM)/Energy Efficiency (EE) options in Small scale Industrial Consumers for Low Carbon Growth"
- Investment Grade Energy Audit for "Market Transformation and Removal of Barriers for Effective Implementation of the State-Level Climate Change Action Plans" in Jharkhand state under UNDP and JREDA
- Study to Identify and assess the energy saving potential in Six Production Units (PUs) of Indian Railways
- Performed Energy Audits under DSM Energy Efficiency project and MSME sectors
- Performed Energy Audit at HEG Ltd, Mandideep, Bhopal
- Six Sector Reports for "Energy Efficiency Improvement" for Steel Product, Paper, Glass, Chemical, Clay & Ceramics and Mining Industry at The Kingdom of Saudi Arabia under "Saudi Energy Efficiency Centre"

***Bio data of Certified Energy Auditor**

| | | | | | | | | | | | |
|--|--|---|--|---------------|------------------------------------|---------|----------------------------|----------------------------|----------|--------------------------|----------|
| 1 | Name of energy auditor | Mr. Akash More | | | | | | | | | |
| 2. | Qualifications. | B. E. (Mechanical); M. Tech. (Energy Technology) | | | | | | | | | |
| 3. | Experience. (use additional sheet if required) | Listed below | | | | | | | | | |
| 4. | Residence(with STD) | - | | | | | | | | | |
| 5. | Mobile | 9112299342 | | | | | | | | | |
| 6 | Email address | akash.more@mitconindia.com | | | | | | | | | |
| 7 | Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil | Energy Manager/Auditor, Certificate No. 10193/20, Dated 24/12/2019 | | | | | | | | | |
| 8 | Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems” | 24/12/2019 | | | | | | | | | |
| 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.) | (i) EA-30313 (Certificate copy is enclosed) (ii) EA-30313 (Certificate copy is enclosed) | | | | | | | | | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” | (i) 17090/20 (Certificate copy is enclosed) (ii) 10193/20 (Certificate copy is enclosed) | | | | | | | | | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | No | | | | | | | | | |
| <p>List of Completed Projects:</p> <p>Project 1:</p> <table border="1"> <tr> <td>Project Name:</td> <td>Detailed Energy Audit of 06 Plants</td> </tr> <tr> <td>Client:</td> <td>Ramkrishna Forging Limited</td> </tr> <tr> <td>Start Date (Month & Year):</td> <td>Jan’2023</td> </tr> <tr> <td>END Date (Month & Year):</td> <td>May’2023</td> </tr> </table> | | | | Project Name: | Detailed Energy Audit of 06 Plants | Client: | Ramkrishna Forging Limited | Start Date (Month & Year): | Jan’2023 | END Date (Month & Year): | May’2023 |
| Project Name: | Detailed Energy Audit of 06 Plants | | | | | | | | | | |
| Client: | Ramkrishna Forging Limited | | | | | | | | | | |
| Start Date (Month & Year): | Jan’2023 | | | | | | | | | | |
| END Date (Month & Year): | May’2023 | | | | | | | | | | |

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|-----------------------------------|---|
| Location: | Jharkhand |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Forgings |
| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 17.70 Lacs |

Project 2:

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|-----------------------------------|---|
| Project Name: | Detailed Energy Audit |
| Client: | Arcelor Mittal Nippon Steel India Limited, |
| Start Date (Month & Year): | April'2023 |
| END Date (Month & Year): | June'2023 |
| Location: | Maharashtra |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 5.82 Lacs |

Project 3:

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|-----------------------------------|---|
| Project Name: | Detailed Energy Audit |
| Client: | Prince Pipes & Fittings Limited; Haridwar |
| Start Date (Month & Year): | Aug'2023 |
| END Date (Month & Year): | Nov'2023 |
| Location: | Uttarakhand |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Plastic |
| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 6.49 Lacs |

Project 4:

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|-----------------------------------|---|
| Project Name: | Detailed Energy Audit |
| Client: | SRF Limited |
| Start Date (Month & Year): | Sept 2021 |
| END Date (Month & Year): | Oct 2021 |
| Location: | Madhya Pradesh |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Textile |

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| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 3.77 Lacs |

Project 5:

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|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-D) |
| Client: | BEE |
| Start Date (Month & Year): | Jan'2022 |
| END Date (Month & Year): | May'2022 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Project Management, Data Collection, Report Preparation |
| Cost of Project: | 12 Lacs |

Project 6:

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|-----------------------------------|---|
| Project Name: | Detailed Energy Audit |
| Client: | Godrej & Boyce Mfg. Co. Limited |
| Start Date (Month & Year): | July'2022 |
| END Date (Month & Year): | Sept'2022 |
| Location: | Pune, Maharashtra |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Manufacturing |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation |
| Cost of Project: | 3.36 Lacs |

Project 7:

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|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Sel & Power Limited Mangalpur Plant |
| Start Date (Month & Year): | Mar'2023 |
| END Date (Month & Year): | Apr'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |

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| Activities Performed: | Data Collection, Report Preparation, Report Presentation |
| Cost of Project: | 3.5 Lacs |

Some assignments handled are:

- ❖ Detailed Energy Audit & Feasibility Study for Solar PV Project at Indapur Dairy & Milk Products Ltd, Indapur, Pune, Maharashtra, India
- ❖ Detailed Energy Audit at Shivshakti Sugars Limited, Karnataka.
- ❖ Detailed Energy Audit at Roquette India Pvt. Ltd., Karnataka
- ❖ Energy audit and Harmonics Study at Krishnapatnam Port Company Limited, Nellore, AP
- ❖ Six Sector Reports for “Energy Efficiency Improvement” for Steel Product, Paper, Glass, Chemical, Clay & Ceramics and Mining Industry at The Kingdom of Saudi Arabia under “Saudi Energy Efficiency Centre.
- ❖ Detailed Energy audit at Ordnance Factory Ambajhari, Nagpur, Maharashtra, 440021,
- ❖ Detailed Energy Audit in more than 6 commercial building spaces.
- ❖ Detailed Energy Audit at Jawahar Shetakari Sahakari Sakhar Karkhana Limited, Hupari, Maharashtra, India.
- ❖ Detailed energy audit at Cochin Shipyard Limited, Kochi, Kerala
- ❖ Detailed energy audit at Godrej & Boyce Mfg. Co. Limited, Pune, Maharashtra
- ❖ Detailed energy at Ghodawat Consumer Limited, Maharashtra
- ❖ Detailed energy audit DCM Shriram Industries Limited, Daurala, Meerut, Uttar Pradesh
- ❖ Detailed Energy Audit at Ashok Sahakari Sakhar Karkhana Limited, Ahmednagar, Maharashtra.
- ❖ Detailed Energy Audit at Vishwasrao Naik Sahakari Sakhar Karkhana Limited, Sangli, MH.
- ❖ Detailed Energy Audit at Shri Dudhganga Vedganga Sahakari Sakhar Karkhana Limited, MH.
- ❖ Detailed Energy Audit at Shri Pandurang Sahakari Sakhar Karkhana Limited, Maharashtra.
- ❖ Detailed Energy Audit at Shri Someshwar Sahakari Sakhar Karkhana Limited, Pune, Maharashtra.
- ❖ Detailed Energy Audit at Shree Chhatrapati Shahu Sahakari Sakhar Karkhana Limited, Maharashtra.
- ❖ Detailed Energy Audit at Rajarambapu Patil Sahakari Sakhar Karkhana Limited, Maharashtra.
- ❖ Detailed Energy Audit at Sindicatum Bagasse India Pvt. Ltd., Cogen Unit, Uttar Pradesh
- ❖ M&V Audit at JSW Ispat Special Products Limited, Raigarh, Chhatisgarh
- ❖ M&V Audit at Nav Durga Fuel Private Limited, Raigarh, Chhatisgarh
- ❖ M&V Audit at G.R Sponge and Power Limited, Raipur, Chhatisgarh
- ❖ Detailed Energy Audit at XPRO India Limited, Maharashtra
- ❖ Detailed Energy Audit at SRF Limited, Madhya Pradesh
- ❖ Detailed Energy Audit at 06 plant of Ramkrishna Forging Limited, Jharakhand
- ❖ Detailed Energy Audit of 06 plants Hitech Corporation Limited, PAN INDIA
- ❖ Detailed Energy Audit at ArcelorMittal Nippon Steel India Limited, AM/NS INDIA, Maharashtra
- ❖ Detailed Energy Audit at Ruby Hall Clinic, Sassoon Road, Maharashtra
- ❖ Detailed Energy Audit at Sahakhar Maharshi Shankarrao Kolhe SSKL, Maharashtra
- ❖ Detailed Energy Audit at Prince Pipes and Fittings Limited, Haridwar, Uttarakhand
- ❖ Detailed Energy Audit at Paladin Paints & Chemicals Pvt. Ltd., Khopoli, Maharashtra
- ❖ Detailed Energy Audit at Indian Institute of Management, Udaipur, Rajasthan
- ❖ Detailed Energy Audit at Sanjeev Auto Parts Manufacturers Pvt. Ltd. Maharashtra
- ❖ Detailed Energy Audit at Star Engineers India Private Limited, Pune, Maharashtra
- ❖ Detailed Energy Audit at Worldwide Diamond and Jewellery Manufacturing Pvt. Ltd, Vizag, Andhra Pradesh
- ❖ Detailed Energy Audit at Continental Surface Solutions India Pvt Ltd, Maharashtra
- ❖ Detailed Energy Audit at CG Power and Industrial Solutions Limited, Maharashtra
- ❖ Detailed Energy Audit at Sahakarmaharshi Bhausahab Thorat Sahakari Sakhar Karkhana Ltd, Maharashtra.

***Bio data of Certified Energy Auditor**

| | | |
|-----------------------------------|---|---|
| 1 | Name of energy auditor | Mr. Chintan Shah |
| 2. | Qualifications. | B. E. (Electrical) M. Tech. (Energy System) |
| 3. | Experience. (use additional sheet if required) | Listed below |
| 4. | Residence(with STD) | - |
| 5. | Mobile | 9978836304 |
| 6 | Email address | chintan.shah@mitconindia.com |
| 7 | Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil | Energy Manager/Auditor, Certificate No. 9821/19, Dated 22/04/2019 |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 22/04/2019 |
| 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.) | (i) EA-29694 (Certificate copy is enclosed) (ii) EA-29694 (Certificate copy is enclosed) |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | (i) 15971/19 (Certificate copy is enclosed) (ii) 9821/19 (Certificate copy is enclosed) |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | No |
| List of Completed Projects | | |
| Project 1: | | |
| Project Name: | | PMC for 15 MWp Ground Mounted Solar Power Plant at Charanka Solar Park |
| Client: | | Gujarat Alkali and Chemicals Ltd. |
| Start Date (Month & Year): | | Jun-17 |
| END Date (Month & Year): | | Sep-18 |
| Location: | | Charanka, Banaskantha |

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| Brief Description of the Project: | PMC to client include prefeasibility study, Detailed Project Report, Basic Design Engineering, BOQ and Technical Qualification Preparation, Vendor Selection, Site inspection till PG test and Guarantee run for 6 months after power plant installation. |
| Position Held: | Team Member |
| Activities Performed: | Site Inspection |
| Cost of Project: | 45 Lakh |
| Project 2: | |
| Project Name: | Baseline Study for Energy Efficiency in the MSME companies across Kingdom of Saudi Arabia |
| Client: | Saudi Energy Efficiency Center |
| Start Date (Month & Year): | Sep-18 |
| END Date (Month & Year): | Sep-20 |
| Location: | Kingdom of Saudi Arabia |
| Brief Description of the Project: | Project includes carrying out walkthrough audit of 60 MSME units across 6 different sectors such as iron & steel, glass, ceramic, chemicals, mining, and pulp & paper. Conducting Detailed energy audit in 1 unit each among specified sectors and preparation of cluster wise comparative analysis, technological interventions required and quantum of energy saving possible along with preparation of different case studies of projects. |
| Position Held: | Team Member |
| Activities Performed: | Conducting walkthrough audits, report preparation, report presentation, detailed energy audit report preparation and presentation, preparation cluster specific report and preparation of case studies for each sector. |
| Cost of Project: | INR 2.07 Crore |
| Project 3: | |
| Project Name: | Establishment of energy baseline for selected DISCOMs in India |
| Client: | Bureau of Energy Efficiency |
| Start Date (Month & Year): | Feb-21 |
| END Date (Month & Year): | Dec-21 |
| Location: | PAN India |
| Brief Description of the Project: | Includes collection and analysis of data related to utility companies' infrastructure, analysis of technical and distribution losses, analysis of tariff structure and commercial losses. Preparation of baseline for FY22, preparation and presentation report to client |
| Position Held: | Team Leader for Group 2 among three groups |

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| Activities Performed: | Kick off meeting with stakeholders, Project Presentation and assigning responsibilities to each team member, coordination with all stakeholders, report drafting and presentation |
| Cost of Project: | Approx. INR 36 Lakh |

Some assignments handled are:

- ❖ Baseline energy audit and Energy Forecast modeling at Asian Paints Ltd, Pune. Functions include Study of Thermal utility (Package boilers and Thermic fluid heater) energy performance and efficiency calculation, Techno economic solutions for efficiency improvement of thermal utility, Air compressor energy performance testing and root cause analysis for efficiency degradation, Process and energy mapping for material charging. (2014-15)
- ❖ RLA and energy performance study at Barwani Sugar Mill under Olam Agro Ltd. Functions include measurement of boiler tube thickness and detect possible causes for thickness erosion. (2014-15)
- ❖ Energy performance study for 10 Steel Re-rolling mills at UNDP-BEE project at SRRM Bhavnagar cluster. Functions include Steel furnace energy performance calculation (Flue gas analysis, furnace drafting, mass and heat balance, Specific energy consumption calculation) (2014-15)
- ❖ Energy Efficiency and awareness in Ceramic Industries at UNIDO-GEF-BEE project at Thangadh ceramic cluster. Responsibilities include: Conducting Energy Awareness Workshop to Cluster members, conducting comprehensive Energy Audit in 6 ceramic units (2015-16)
- ❖ Mandatory Energy Audit as per BEE guidelines for PAT at 2 cotton spinning units of Vardhman Textiles Ltd. Group. (Textile Manufacturing unit) (2015-16)
- ❖ Mandatory Energy Audit as per BEE guidelines for PAT at Shree Rama Newsprint Ltd. Surat (Pulp & Paper Unit) (2015-16)
- ❖ Mandatory Energy Audit as per BEE PAT scheme at Bharat Vijay Mills C/o Sintex Ltd. Kalol (Textile Manufacturing unit) (2015-16)
- ❖ Promoting Energy Efficiency in Food processing cluster at BEE-GEF Ujjain Food processing cluster. Responsibilities include Conducting Energy audit in 8 different food processing unit in Ujjain, analysis of each energy consuming process and utility, providing solutions for improving energy efficiency. (2015-16)
- ❖ Energy performance assessment of raw water, sewage water, intake well and water distribution pumping systems at 20 sites under Surat Municipal Corporation. (2016-17)
- ❖ Detailed Energy Audit in more than 15 pharmaceutical facilities (2016-2020)
- ❖ Detailed Energy Audit at Reliance Industries Ltd., Hazira Complex, A petrochemical Industry (2016-17) & (2022-23)
- ❖ Detailed Energy Audit in more than 6 commercial building spaces (2016-17)
- ❖ Consultancy services as per BEE PAT Cycle-II to Rankas Texfab Pvt. Ltd., Piplaj (Textile Manufacturing unit) (2017-18)
- ❖ Mandatory Energy Audit of Thermal Power plant 2 x 135 MW of ACB India Ltd., Kasaipali, Korba, Chattisgarh (2017-18)
- ❖ Mandatory Energy Audit of Thermal Power plant 5 x 800 MW Supercritical Thermal power Plant at Coastal Gujarat Power Ltd., Mundra, Gujarat (Thermal Power Plant) (2017-18) & (2021-22)
- ❖ Mandatory Energy Audit of Iron & Steel unit of Mukand Ltd., Kalwe, Thane (Iron & Steel) (2017-18)
- ❖ Investment Grade Energy Audit at Gandhidham Nagarpalika, Gujarat 12 pumping stations and English Bazaar, West Bengal under EESL MEEP. (2018-19)
- ❖ Walkthrough energy audits of 17 SMEs in the Kingdom of Saudi Arabia (2019-20)

| | |
|--|--|
| | <ul style="list-style-type: none">❖ Detailed Energy Audit in Saudi Arabian Glass Co., Jeddah, Kingdom of Saudi Arabia (2019-20)❖ Detailed Energy Audit in Middle East Paper Co., Jeddah, Kingdom of Saudi Arabia (2019-20)❖ Detailed Energy Audit in Saudi Arabia Ductile Iron pipe Co. Ltd., Dammam, Kingdom of Saudi Arabia (2019-20)❖ Investment grade energy audit of 13 Pumping Stations under Gujarat Urban Development Corp., Gujarat (2020-21)❖ Baseline Energy Audit for 9 DISCOMs under BEE PAT scheme in the region of Gujarat and Chhattisgarh (2021-22)❖ Annual Energy Accounting of 5 DISCOMs under BEE PAT scheme for FY21. Includes DISCOMs such as Torrent Power Ltd.-Dahej, Torrent Power Ltd.-Ahmedabad, Torrent Power Ltd.- Surat, Jindal Steel & Power Ltd.- Raigarh, AspenInfra- Vadodara, Tata Steel Ltd.- Jamshedpur (2022- 23) |
|--|--|

***Bio data of Certified Energy Auditor**

| | | | |
|-----------------------------------|--|---|--|
| 1 | Name of energy auditor | Mr. Rahul Kumar | |
| 2. | Qualifications. | B. E. (Electrical) | |
| 3. | Experience. (use additional sheet if required) | Listed below | |
| 4. | Residence(with STD) | - | |
| 5. | Mobile | 7447420622 | |
| 6 | Email address | rahul.k@mitconindia.com | |
| 7 | Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil | Energy Manager/Auditor, Certificate No. 10214/20, Dated 24/12/2019 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 24/12/2019 | |
| 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.) | (i) EA-30703 (Certificate copy is enclosed) (ii) EA-30703 (Certificate copy is enclosed) | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | (i) 17104/20 (Certificate copy is enclosed) (ii) 10214/20 (Certificate copy is enclosed) | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | No | |
| List of Completed Projects | | | |
| Project 1: | | | |
| Project Name: | | Mandatory Energy Audit | |
| Client: | | Tata Thermal Power Plant Jojobera Jharkhand | |
| Start Date (Month & Year): | | Sep'2021 | |
| END Date (Month & Year): | | Nov'2021 | |
| Location: | | Jamshedpur Jharkhand | |
| Brief Description of the Project: | | Energy Audit of Plant Utility & Process | |
| Project Sector: | | Thermal Power Plant | |

| | |
|-----------------------|---|
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Field Study & Report Preparation, Final Presentation |
| Cost of Project: | 5 Lacs |

Project 2:

| | |
|-----------------------------------|--|
| Project Name: | Detailed Energy Audit |
| Client: | Sun Pharma |
| Start Date (Month & Year): | Aug' 2023 |
| END Date (Month & Year): | Aug' 2023 |
| Location: | Gujarat |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Pharmaceutical |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation, Report Presentation |
| Cost of Project: | 7.5 Lacs |

Project 3:

| | |
|-----------------------------------|--|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Sel & Power |
| Start Date (Month & Year): | Mar'2023 |
| END Date (Month & Year): | Mar'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation, Report Presentation |
| Cost of Project: | 6.5 Lacs |

Project 4:

| | |
|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-A) |
| Client: | BEE |
| Start Date (Month & Year): | Feb'2021 |
| END Date (Month & Year): | Dec'2021 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | DISCOM |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation |
| Cost of Project: | 7 Lacs |

Project 5:

| | |
|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-D) |
| Client: | BEE |
| Start Date (Month & Year): | Jan'2022 |
| END Date (Month & Year): | May'2022 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation |
| Cost of Project: | 12 Lacs |

Project 6:

| | |
|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Steel Manufacturing Limited |
| Start Date (Month & Year): | Feb'2023 |
| END Date (Month & Year): | Mar'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Field Study, Report Preparation, Report Presentation |
| Cost of Project: | 4 Lacs |

Project 7:

| | |
|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | NFL (National Fertilizer Limited) |
| Start Date (Month & Year): | Nov'2022 |
| END Date (Month & Year): | Nov'2022 |
| Location: | Haryana |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Fertilizers |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation |
| Cost of Project: | 3.5 Lacs |

Project 8:

| | |
|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Sel & Power Limited Mangalpur Plant |
| Start Date (Month & Year): | Mar'2023 |
| END Date (Month & Year): | Apr'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |

| | |
|-----------------------|--|
| Project Sector: | Iron & Steel |
| Position Held: | Energy Auditor |
| Activities Performed: | Data Collection, Report Preparation, Report Presentation |
| Cost of Project: | 3.5 Lacs |

Some assignments handled are:

- ❖ Lead Auditor in Shyam Sell and Power Limited Mangalpur Plant.
- ❖ Lead Auditor in Shyam Sell and Power Limited Jamuria Plant
- ❖ Lead Auditor for Shyam Steel and Manufacturing Limited West Bengal.
- ❖ Lead Auditor for Shyam Metalics and Energy Limited Odisha.
- ❖ Auditor for Energy Audit of Lucknow and Varanasi Railway Stations, Uttar Pradesh
- ❖ Lead Auditor in Detailed Energy Audit of NDMC Electrical Distribution Network, New Delhi
- ❖ Lead Auditor for Detailed Energy Audit of Orient Bell Ceramics, Uttar Pradesh
- ❖ Baseline Energy Audit of Tata Power Delhi Distribution Limited (TPDDL) and Noida Power Corporation Limited (NPCL) New Delhi.
- ❖ Auditor for Detailed Energy Audit of Kutch lignite thermal Power station KLTPS, Gujarat
- ❖ Auditor for IOCL Naphtha Cracker Panipat (Process and Utility Audit in DCM Textile Hisar Haryana
- ❖ Auditor for PAT for Jodhpur Railway division (Specific fuel Consumption & GTKM calculation).
- ❖ Auditor for Detailed Energy Audit of Hindustan Aeronautics Limited (HAL) Kanpur
- ❖ Auditor for Energy Audit of DMW Railway workshop Patiala (Punjab).
- ❖ Auditor for Mandatory Energy Audit in Indian oil corporation Limited (IOCL) Mathura (UP)
- ❖ Auditor for Energy Audit of Indian Oil Corporation limited Panipat.
- ❖ Auditor for Energy Audit of NRL refinery Guwahati.
- ❖ Auditor for Energy Audit of Thermal Power station Panipat
- ❖ Auditor for Energy Audit of Thermal Power Station Yamuna Nagar.
- ❖ Auditor for Energy Audit of Thermal Power station Durgapur.
- ❖ Auditor for Energy Audit of HMEL Refinery Bhatinda.
- ❖ Auditor for Energy Audit of BPCL Refinery Mumbai.
- ❖ Auditor for Energy Audit of Ordinance factory ichhapur (West Bengal).
- ❖ Auditor for Energy Audit of Central electronics limited Ghaziabad.
- ❖ Auditor for Energy Audit of Supreme court of India
- ❖ Auditor for Energy Audit of Ordinance factory Orissa.
- ❖ Auditor for Energy Audit of Ordinance factory Jabalpur
- ❖ Auditor for Energy Audit of Water treatment plant at Itanagar (Under PHED)

***Bio data of Certified Energy Auditor**

| | | | | | | | | |
|---|--|---|---------------|------------------------|---------|-------------------|----------------------------|----------|
| 1 | Name of energy auditor | Mr. Jignesh Patel | | | | | | |
| 2. | Qualifications. | B. E. (Electrical) M. Tech. (Energy System) | | | | | | |
| 3. | Experience. (use additional sheet if required) | Listed below | | | | | | |
| 4. | Residence(with STD) | - | | | | | | |
| 5. | Mobile | +91-8141884047 | | | | | | |
| 6 | Email address | jignesh.pravinbhai@gmail.com | | | | | | |
| 7 | Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil | Energy Manager/Auditor, Certificate No. 6729, Dated 07/02/2013 | | | | | | |
| 8 | Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems” | 26/05/2014 | | | | | | |
| 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.) | (i) EA-10489 (Certificate copy is enclosed) (ii) EA-10489 (Certificate copy is enclosed) | | | | | | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” | (i) 6729 (Certificate copy is enclosed) (ii) AEA-0104 (Certificate copy is enclosed) | | | | | | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | Yes 26/11/2013 AEA-0104 | | | | | | |
| <p>List of Completed Projects</p> <p>Project 1:</p> <table border="1"> <tr> <td>Project Name:</td> <td>Mandatory Energy Audit</td> </tr> <tr> <td>Client:</td> <td>Shyam Sel & Power</td> </tr> <tr> <td>Start Date (Month & Year):</td> <td>Mar'2023</td> </tr> </table> | | | Project Name: | Mandatory Energy Audit | Client: | Shyam Sel & Power | Start Date (Month & Year): | Mar'2023 |
| Project Name: | Mandatory Energy Audit | | | | | | | |
| Client: | Shyam Sel & Power | | | | | | | |
| Start Date (Month & Year): | Mar'2023 | | | | | | | |

| | |
|-----------------------------------|---|
| END Date (Month & Year): | Mar'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 6.5 Lacs |

Project 2:

| | |
|-----------------------------------|---|
| Project Name: | Mandatory Energy Audit |
| Client: | Shyam Steel |
| Start Date (Month & Year): | Mar'2023 |
| END Date (Month & Year): | Mar'2023 |
| Location: | West Bengal |
| Brief Description of the Project: | Energy Audit of Plant Utility & Process |
| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 7.0 Lacs |

Project 3:

| | |
|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-A) |
| Client: | BEE |
| Start Date (Month & Year): | Feb'2021 |
| END Date (Month & Year): | Dec'2021 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | DISCOM |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 7 Lacs |

Project 4:

| | |
|-----------------------------------|---|
| Project Name: | Baseline Data Collection & Verification (Group-D) |
| Client: | BEE |
| Start Date (Month & Year): | Jan'2022 |
| END Date (Month & Year): | May'2022 |
| Location: | Pan India |
| Brief Description of the Project: | Baseline Data Collection & Verification |
| Project Sector: | Iron & Steel |
| Position Held: | Accredited Energy Auditor |
| Activities Performed: | Data Verification, Suggestions & Recommendations, Report Preparation, Report Presentation |
| Cost of Project: | 12 Lacs |

Some assignments handled are:

- ❖ Empanelled with Power Grid Corporation of India Limited as an A1 Grade Energy Professional
- ❖ Liaising with State Electricity Boards and Electricity Regulatory Commissions for certification, tariff petitions & clearances of grid connected independent/captive co-gen power projects.
- ❖ Delivered Lectures on Power Quality and Energy Conservation in workshops and seminars organized by FICCI, CII, USDOE, International Copper Promotion Council (ICPC), NPC and various colleges and technical institutions.
- ❖ Preparation of Detailed Project Reports (DPR's) for Independent Power Plants (IPP's) - Biomass as well as Coal, Captive Co-Generation Power projects (CPP's) synchronized with grid at Chemicals, Sugar, Textile & Paper industries.
- ❖ Conducted more than 25 PAT (Perform, Achieve and Trade) M&V and 5 C&V Audit as per Government of India Guideline to reduce the carbon foot prints

List of Full Time Energy Auditors

| Sr. No. | Name | Designation | Certificate No. | Qualification | Total Years of Experience |
|----------------|-------------------------|--------------------------|---|--|----------------------------------|
| 1 | Mr. Dhawal Marghade | Assist. Vice President | EA-29620 (BEE Certified Energy Auditor) | B. E. (Electrical & Electronic) | 09+ Years |
| 2 | Mr. Akash More | Assistant Vice President | EA-30313 (BEE Certified Energy Auditor) | B. E. (Mechanical); M. Tech. (Energy Technology) | 09+ Years |
| 3 | Mr. Chintan Shah | Assistant Vice President | EA-29694 (BEE Certified Energy Auditor) | B. E. (Electrical) M. Tech. (Energy System) | 09+ Years |
| 4 | Mr. Rahul Kumar | Assistant Vice President | EA-30703 (BEE Certified Energy Auditor) | B. E. (Electrical) | 08+ Years |
| 5 | Mr. Anujay Patil | Project Consultant | Team Member | M. Tech. (Energy Technology) | 1.5+ Years |
| 6 | Mr. Asif Hussain Shaikh | Consultant | Team Member | Diploma (Electrical Engineering) | 16+ Years |
| 7 | Mr. Aniket Deshpande | Project Consultant | Team Member | B. E. (Mechanical) M. Tech. (Energy Technology) (Appear) | 06+ Months |

**Signature of Authorized Person with Stamp**



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : EA-29620 Serial Number 15967
Certificate Registration No. : 15967/19

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **DHAWAL MARGHADE**
Son/Daughter of Mr./Mrs. **RAVINDRA MARGHADE** who has passed the National
Examination for certification of energy manager held in the month of **September 2018** is
qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency
(Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate
and shall be renewable subject to attending the prescribed refresher training course once in every
five years.

His /Her name has been entered in the Register of certified energy manager
at Serial Number **15967** being maintained by the Bureau of Energy Efficiency under the
aforesaid regulations.

Mr./Mrs./Ms. **DHAWAL MARGHADE** is deemed to have qualified
for appointment or designation as energy manager under clause (i) of Section 14 of the Energy
Conservation Act, 2001 (Act No. 52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **17th** day
of **May 2019**


Secretary
Bureau of Energy Efficiency
New Delhi

| Dates of attending the refresher course | Secretary's Signature | Dates of attending the refresher course | Secretary's Signature |
|---|-----------------------|---|-----------------------|
| | | | |
| | | | |



ऊर्जा दक्षता ब्यूरो



परीक्षा रजिस्ट्रीकरण सं. : EA-29620 क्रम सं. 15967
प्रमाणपत्र रजिस्ट्रीकरण सं. : 15967/19

प्रमाणित ऊर्जा प्रबंधक के लिए प्रमाणपत्र

यह प्रमाणित किया जाता है कि श्री / श्रीमती / सुश्री **धावाल मर्घडे**
जो श्री / श्रीमती **रविन्द्र मर्घडे** के पुत्र / पुत्री हैं जिन्होंने वर्ष **2018**
मास **सितंबर** में आयोजित ऊर्जा प्रबंधक प्रमाणन के लिए राष्ट्रीय परीक्षा उत्तीर्ण की है, ऊर्जा दक्षता
ब्यूरो (ऊर्जा प्रबंधकों के लिए प्रमाणन प्रक्रिया) विनियम 2010 के उपबंधों के अधीन रहते हुए प्रमाणित
ऊर्जा प्रबंधक के रूप में अर्हक है।

यह प्रमाणपत्र, प्रदान किए जाने की तारीख से पांच वर्ष के लिए विधिमाम्य होगा और प्रत्येक पांच वर्ष में
एक बार विहित पुनश्चर्चा/प्रशिक्षण पाठ्यक्रम में उपस्थित रहने के अधीन रहते हुए पुनः नवीकरण किया जाएगा।
उनके नाम को पूर्वोक्त विनियमों के अधीन ऊर्जा दक्षता ब्यूरो द्वारा अनुरक्षित क्रम संख्या **15967**
पर प्रमाणित ऊर्जा प्रबंधक के रजिस्टर में प्रविष्ट कर दिया गया है।

श्री / श्रीमती / सुश्री **धावाल मर्घडे** ऊर्जा संरक्षण अधिनियम 2001 (2001 का
अधिनियम संख्यांक 52) की धारा 14 के खंड (i) के अधीन ऊर्जा प्रबंधक के रूप में नियुक्ति या पदनाम के
लिए अर्हित समझे गए हैं।

2019 मास **मई** दिन **17** को ऊर्जा दक्षता ब्यूरो के अधीन दिया गया है।


सचिव
ऊर्जा दक्षता ब्यूरो
नई दिल्ली

| पुनश्चर्चा पाठ्यक्रम में उपस्थित रहने की तारीखें | सचिव के हस्ताक्षर | पुनश्चर्चा पाठ्यक्रम में उपस्थित रहने की तारीखें | सचिव के हस्ताक्षर |
|--|-------------------|--|-------------------|
| | | | |
| | | | |

Reg No.: E.A-29620

Certificate No.: 9817/19



National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

DHAWAL MARGHADE

This is to certify that Mr./ Mrs./ Ms.

RAVINDRA MARGHADE

son / daughter of Mr..... has passed the National certification Examination for Energy Auditors held in September 2018, conducted on behalf of the Bureau of Energy Efficiency, Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as **Certified Energy Auditor**.

He / She shall be entitled to practice as Energy Auditor under the Energy Conservation Act 2001, subject to the fulfillment of qualifications for Accredited Energy Auditor and issuance of certificate of Accreditation by the Bureau of Energy Efficiency under the said Act.

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

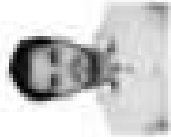
Place : Chennai, India

Date : 22nd April, 2019

Controller of Examination



BUREAU OF ENERGY EFFICIENCY



Executive Regulation No. : EEA-2011-11 Serial Number : 17498
Certificate Registration No. : EEA99-20

Certificate For Certified Energy Manager

This is to certify that **MR. MANOJ KUMAR SHARMA**,
Son/Daughter of **MR. MANOJ KUMAR SHARMA**, who has passed the National Examination for certification of energy manager held in the month of **September 2017** is certified as certified energy manager subject to the provisions of Bureau of Energy Efficiency Certification Procedures for Energy Managers/Regulation 2016.

This certification is valid for the year with effect from the date of passing this certificate and shall be re-evaluated subject to obtaining the prescribed refresher training course once in every five years.

This entry has been entered in the Register of certified energy manager at Serial Number **17498** being maintained by the Bureau of Energy Efficiency under the direction/ supervision.

On this day, **MANOJ KUMAR SHARMA** is deemed to have qualified for appointment as designated energy manager (D) at location (L) of the Bureau of Energy Efficiency (BEE) (Address: **Delhi 110002**).

Event valid till end of the Bureau of Energy Efficiency till **31st** day of **March, 2022**.

Director
Bureau of Energy Efficiency
New Delhi

| Name of company/for whom issued | Signature | Date of issuing the certificate | Director's signature |
|---------------------------------|-----------|---------------------------------|----------------------|
| | | | |
| | | | |



ऊर्जा दक्षता ब्यूरो



एग्जीक्यूटिव रेग्युलेशन नं. : EEA-2011-11 क्र. नं. : 17498
प्रमाण पत्र नं. : EEA99-20

प्रमाणित ऊर्जा प्रबंधक के लिए प्रमाणपत्र

यह प्रमाणपत्र **श्री मानोज कुमार शर्मा / श्रीमती / श्रीमती**,
श्रीमान / श्रीमती **श्रीमान मानोज कुमार शर्मा** के पुत्र / पुत्री के तहत वर्ष **2017**
में आयोजित **ऊर्जा प्रबंधक** परीक्षा में **सफल** हुए हैं।
यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में नियुक्ति के लिए मान्यता प्रदान करता है, बशर्तक कि वह ऊर्जा दक्षता ब्यूरो (एईई) के प्रावधानों के अधीन **दिल्ली** में कार्य करता है।

यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में मान्यता प्रदान करता है और इसे पांच साल के लिए वैध माना जाएगा।
यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में नियुक्ति के लिए मान्यता प्रदान करता है, बशर्तक कि वह ऊर्जा दक्षता ब्यूरो (एईई) के प्रावधानों के अधीन **दिल्ली** में कार्य करता है।

यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में मान्यता प्रदान करता है।
यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में मान्यता प्रदान करता है, बशर्तक कि वह ऊर्जा दक्षता ब्यूरो (एईई) के प्रावधानों के अधीन **दिल्ली** में कार्य करता है।

यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में मान्यता प्रदान करता है, बशर्तक कि वह ऊर्जा दक्षता ब्यूरो (एईई) के प्रावधानों के अधीन **दिल्ली** में कार्य करता है।

यह प्रमाणपत्र **ऊर्जा प्रबंधक** के रूप में मान्यता प्रदान करता है, बशर्तक कि वह ऊर्जा दक्षता ब्यूरो (एईई) के प्रावधानों के अधीन **दिल्ली** में कार्य करता है।

डायरेक्टर
ऊर्जा दक्षता ब्यूरो
नई दिल्ली

| प्रमाणपत्र जारी करने वाले की संस्था | जारी की तिथि | प्रमाणपत्र जारी करने वाले की संस्था | जारी की तिथि |
|-------------------------------------|--------------|-------------------------------------|--------------|
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Reg No.: E.A-30313

Certificate No.: 10193 /20



National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

This is to certify that *Mr./ Mrs./ Ms.* **AKASH MARUTI MORE**

son / daughter of Mr. **MARUTI TUKARAM MORE**

*..... has passed the National certification Examination for Energy Auditors held in September 2019, conducted on behalf of the Bureau of Energy Efficiency, Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as **Certified Energy Auditor**.*

*He / She shall be entitled to practice as **Energy Auditor** under the **Energy Conservation Act 2001**, subject to the fulfillment of qualifications for **Accredited Energy Auditor** and issuance of certificate of Accreditation by the **Bureau of Energy Efficiency** under the said Act.*

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

Place : Chennai, India

Date : **24th December, 2019**

Controller of Examination



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : EA-29694 Serial Number 15971
Certificate Registration No. : 15971/19

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. CHINTAN MUKESHBHAI SHAH Son/Daughter of Mr./Mrs. MUKESHBHAI SHAH who has passed the National Examination for certification of energy manager held in the month of September 2018 is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His /Her name has been entered in the Register of certified energy manager at Serial Number 15971 being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. CHINTAN MUKESHBHAI SHAH is deemed to have qualified for appointment or designation as energy manager under clause (i) of Section 14 of the Energy Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this 17th day of May, 2019.


Secretary
Bureau of Energy Efficiency
New Delhi

| Dates of attending the refresher course | Secretary's Signature | Dates of attending the refresher course | Secretary's Signature |
|---|-----------------------|---|-----------------------|
| | | | |
| | | | |



ऊर्जा दक्षता ब्यूरो



परीक्षा रजिस्ट्रीकरण सं. : EA-29694 क्रम सं. 15971
प्रमाणपत्र रजिस्ट्रीकरण सं. : 15971/19

प्रमाणित ऊर्जा प्रबंधक के लिए प्रमाणपत्र

यह प्रमाणित किया जाता है कि श्री / श्रीमती / सुश्री चिन्तन मुकेशभाई शाह जो श्री / श्रीमती. मुकेशभाई शाह के पुत्र / पुत्री हैं जिन्होंने वर्ष 2018 मास सितंबर में आयोजित ऊर्जा प्रबंधक प्रमाणन के लिए राष्ट्रीय परीक्षा उत्तीर्ण की है, ऊर्जा दक्षता ब्यूरो (ऊर्जा प्रबंधकों के लिए प्रमाणन प्रक्रिया) विनियम 2010 के उपबंधों के अधीन रहते हुए प्रमाणित ऊर्जा प्रबंधक के रूप में अर्हक है।

यह प्रमाणपत्र, प्रदान किए जाने की तारीख से पांच वर्ष के लिए विधिमाम्य होगा और प्रत्येक पांच वर्ष में एक बार विहित पुनश्चर्चा प्रशिक्षण पाठ्यक्रम में उपस्थित रहने के अधीन रहते हुए पुनः नवीकरण किया जाएगा। उनके नाम को पूर्वोक्त विनियमों के अधीन ऊर्जा दक्षता ब्यूरो द्वारा अनुरक्षित क्रम संख्या 15971 पर प्रमाणित ऊर्जा प्रबंधक के रजिस्टर में प्रविष्ट कर दिया गया है।

श्री / श्रीमती / सुश्री चिन्तन मुकेशभाई शाह ऊर्जा संरक्षण अधिनियम 2001 (2001 का अधिनियम संख्यांक 52) की धारा 14 के खंड (i) के अधीन ऊर्जा प्रबंधक के रूप में नियुक्ति या पदनाम के लिए अर्हित समझे गए हैं।

2019 मास मई दिनांक 17 को ऊर्जा दक्षता ब्यूरो के अधीन दिया गया है।


सचिव
ऊर्जा दक्षता ब्यूरो
नई दिल्ली

| पुनश्चर्चा पाठ्यक्रम में उपस्थित रहने की तारीखें | सचिव के हस्ताक्षर | पुनश्चर्चा पाठ्यक्रम में उपस्थित रहने की तारीखें | सचिव के हस्ताक्षर |
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| | | | |

Reg No.: E.A-29694

Certificate No.: 9821/19



National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

CHINTAN MUKESHBHAI SHAH

This is to certify that Mr./ Mrs./ Ms.

MUKESHBHAI SHAH

son / daughter of Mr. has passed the National certification Examination for Energy Auditors held in September 2018, conducted on behalf of the Bureau of Energy Efficiency, Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as **Certified Energy Auditor**.

He / She shall be entitled to practice as Energy Auditor under the Energy Conservation Act 2001, subject to the fulfillment of qualifications for Accredited Energy Auditor and issuance of certificate of Accreditation by the Bureau of Energy Efficiency under the said Act.

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

Place : Chennai, India

Date : 22nd April, 2019

Controller of Examination



BUREAU OF ENERGY EFFICIENCY

Registration No. : EEA-2016-1, Serial Number : 17134

Certificate Registration No. : EE19429



Certificate For Certified Energy Manager

This is to certify that **MR. M. S. SURESH**

San-Dignity of Ms. Ms. SURESH SURESH who has passed the National

Examination for certification of energy manager held in the month of September 2017 is

certified as certified energy manager subject to the provisions of Bureau of Energy Efficiency

Certification Procedures for Energy Managers/Regulation, 2016.

This certification is valid for the year with effect from the date of passing this certificate

and shall be renewable subject to clearing the prescribed refresher training course once in every

five years.

This entry has been entered in the Register of certified energy manager

at Serial Number 17134 being maintained by the Bureau of Energy Efficiency under the

direction/regulation.

Dr. M. S. SURESH, **EE19429** is named in the register

for appointment or designation as energy manager under clause (i) of Section 14 of the Energy

Conservation Act, 2001 (Act No. 43 of 2001).

Event valid till end of the Bureau of Energy Efficiency No. 17134

of Month, 2017

(Signature)

Director,
Bureau of Energy Efficiency

| Terms of validity for renewal course | Signature of Apprentice | Date of signing the renewal course | Signature of Apprentice |
|---|----------------------------|---------------------------------------|----------------------------|
| | | | |
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ऊर्जा दक्षता ब्यूरो

Registration No. : EEA-2016-1, Serial Number : 17134

Certificate Registration No. : EE19429



प्रमाणित ऊर्जा प्रबंधक के लिए प्रमाणपत्र

यह प्रमाणपत्र **श्री म. एस. सुरेश / श्री. एस. सुरेश**

श्री. / श्रीमती. सुरेश सुरेश को प्रमाणित ऊर्जा प्रबंधक के रूप में

प्रमाणित किया गया है जो कि सितंबर 2017 में आयोजित राष्ट्रीय ऊर्जा प्रबंधक

परीक्षा में उत्तीर्ण हुए हैं। यह प्रमाणपत्र ऊर्जा प्रबंधक नियम, 2016 के प्रावधानों के

अनुसार जारी किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

यह प्रमाणपत्र पाठ्यक्रम के अंतर्गत प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित किया गया है।

(Signature)

डायरेक्टर,
ऊर्जा दक्षता ब्यूरो

| प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित | प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित | प्रमाणित ऊर्जा प्रबंधक के रूप में प्रमाणित |
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Reg No.: E.A-30703

Certificate No.: 10214 /20



National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

RAHUL KUMAR

This is to certify that Mr./ Mrs./ Ms.

HARERAM SINGH

son / daughter of Mr..... *has passed the National certification Examination for Energy Auditors held in September 2019, conducted on behalf of the Bureau of Energy Efficiency, Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as **Certified Energy Auditor.***

He / She shall be entitled to practice as Energy Auditor under the Energy Conservation Act 2001, subject to the fulfillment of qualifications for Accredited Energy Auditor and issuance of certificate of Accreditation by the Bureau of Energy Efficiency under the said Act.

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

Place : Chennai, India

Date : **24th December, 2019**

Controller of Examination

List of Part Time Energy Auditors

| Sr. No. | Name | Designation | Certificate No. | Qualification | Total Years of Experience |
|---------|-------------------|-------------|---|--|---------------------------|
| 1 | Mr. Jignesh Patel | Associates | AEA-0104 (Certified Accredited Energy Auditor) | M. Tech. (Energy System Engineering); MBA (Operations Management) | 18+ Years |
| 2 | Mr. Dalip Singh | Associates | AEA-0184 (Certified Accredited Energy Auditor) | B.E. Hons. (Electrical Engineering) | 25+ Years |
| 3 | Mr. Nikhil Mohite | Associates | EA-25501 (Certified Energy Auditor) | M. Tech. (Energy Conversion and Management); B. E. (Mechanical) | 13+ Years |



Signature of Authorized Person with Stamp



BUREAU OF ENERGY EFFICIENCY

Registration No. EE-1046

Accreditation No. EEA/114



Certificate of Accreditation

This is to certify that M/s. Apna's Power having its headquarter office at Delhi has been given accreditation as accredited energy auditor. The certificate will be effective from 25th day of November 2012.

The certificate is subject to the provisions of the Bureau of Energy Efficiency (Bureaus of Energy Accreditation and Maintenance of Accredited Energy Auditors and Maintainers of their Lab) Regulations, 2010.

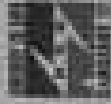
This certificate shall be valid until a candidate under regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintainers of their Lab) Regulations, 2010.

On accreditation, the certificate of accreditation shall be surrendered to the Bureau, which shall display the date of receipt of certificate on computer.

Your name has been entered at BEE No. 1119 in the register of list of accredited energy auditors. Your name shall be liable to be checked on the grounds specified in regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintainers of their Lab) Regulations, 2010.

Given under the seal of the Bureau of Energy Efficiency, Ministry of Power, on 25th day of May 2012.


Secretary,
Bureau of Energy Efficiency,
New Delhi



ऊर्जा दक्षता ब्यूरो

पंजीकरण क्र. EE-1046
प्रमाणिकरण क्र. EEA/114



प्रत्यायन का प्रमाणपत्र

यह प्रमाणिकरण पत्र है कि अपना पावर का दिल्ली स्थित मुख्यालय दिल्ली में स्थित है, प्रमाणिकृत ऊर्जा अडॉर है। प्रमाणिकरण पत्र का प्रभाव 25^{वां} नवंबर 2012 से प्रारंभ होगा।

यह प्रमाणिकरण पत्र अडॉर को प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति देता है। प्रमाणिकरण पत्र के अंतर्गत अडॉर को प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति है।

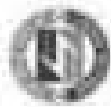
यह प्रमाणिकरण पत्र अडॉर को प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति देता है। प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति है।

यह प्रमाणिकरण पत्र अडॉर को प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति देता है। प्रमाणिकृत अडॉर के रूप में कार्य करने की अनुमति है।

आपका नाम BEE नं. 1119 में प्रमाणिकृत ऊर्जा अडॉरों की सूची में दर्ज है। आपका नाम अडॉर के रूप में कार्य करने की अनुमति के लिए अडॉर के रूप में कार्य करने की अनुमति देता है।

दिया गया प्रमाणिकरण पत्र ऊर्जा दक्षता ब्यूरो, मंत्रालय, नई दिल्ली, 25^{वां} मई 2012 को जारी किया गया।

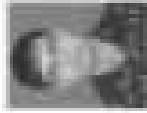

सचिव,
ऊर्जा दक्षता ब्यूरो,
नई दिल्ली



BUREAU OF ENERGY EFFICIENCY

Energy Efficiency No. - E.E. 16666 - Green House - 1718

Contract Registration No. - 1718



Certificate For Certified Energy Manager

This is to certify that Dr. M. S. Anand, Special P. 2001
Principal of M. S. Pradhana Technical Park, who is currently working
as a consultant in energy management in the name of Green House
has been certified as energy manager subject to the provisions of Energy Efficiency
Certification Commission by Energy Management Regulation, 2012.

This certificate is valid for a period of two years with effect from the date of issue of this
certificate and the certificate holder is required to provide a written report every year to the
Bureau.

By this order the best interest to the Republic of India has been
safeguarded. 1718 being mentioned by the Bureau of Energy Efficiency, New Delhi.

Dr. M. S. Anand P. 2001 is deemed to have accepted
the appointment as consultant in energy management under clause (1) of Section 14 of the Energy
Conservation Act, 2001 (Act No. 12 of 2001).

1718 only the name of the Bureau of Energy Efficiency, New Delhi.

Dr. M. S. Anand
Principal, M. S. Pradhana Technical Park

| | | | |
|---|-------------------------|-------------------|-------------------------|
| Year of validity of certificate issued | Appointing Authority | Name of Authority | Appointing Authority |
| 01.11.2018 | | | |



ऊर्जा दक्षता सचिवालय

ऊर्जा दक्षता सं. - E.E. 16666 - Green House - 1718

संकेत नं. - 1718



ऊर्जा दक्षता सचिवालय

यह सचिवालय डॉ. एम. एस. आनंद, विशेष पी. 2001
के द्वारा एम. एस. प्रधाना तकनीकी पार्क, जो वर्तमान में
एन. टी. के नाम से कार्य कर रहा है, के नाम पर ग्रीन हाउस
ऊर्जा दक्षता सचिवालय के नाम पर कार्य कर रहा है।

यह सचिवालय दो वर्षों के लिए मान्य है।
यह सचिवालय के लिए प्रत्येक वर्ष एक लिखित रिपोर्ट प्रस्तुत करनी है।

यह सचिवालय के लिए प्रत्येक वर्ष एक लिखित रिपोर्ट प्रस्तुत करनी है।
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डॉ. एम. एस. आनंद
प्रधान, एम. एस. प्रधाना तकनीकी पार्क

| | | | |
|-------------------------------------|--------------------|--------------------|--------------------|
| वर्ष के लिए मान्यता प्रदान की गई | उपस्थान अधिकारी | उपस्थान अधिकारी | उपस्थान अधिकारी |
| 01.11.2018 | | | |



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : EA-0195

Accreditation Registration No.: AEA-0184

Certificate of Accreditation

This is to certify that Mr./Ms.....Dalip Singh.....having its trade/registered office at.....Noida..... has been given accreditation as accredited energy auditor. The certificate shall be effective from 29th 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.....0184..... 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, this16th..... day of January 2015

Secretary,
Bureau of Energy Efficiency
New Delhi

Reg No.: E.A-25501

Certificate No.: 9564/19



National Productivity Council

(National Certifying Agency)

PROVISIONAL CERTIFICATE

NIKHIL VISHWANATH MOHITE

This is to certify that *Mr./ Mrs./ Ms.* **VISHWANATH MOHITE** / daughter of Mr. has passed the National certification Examination for Energy Auditors held in September 2018, conducted on behalf of the Bureau of Energy Efficiency, Ministry of Power, Government of India. He / She is qualified as **Certified Energy Manager** as well as **Certified Energy Auditor**.

He / She shall be entitled to practice as Energy Auditor under the Energy Conservation Act 2001, subject to the fulfillment of qualifications for Accredited Energy Auditor and issuance of certificate of Accreditation by the Bureau of Energy Efficiency under the said Act.

This certificate is valid till the Bureau of Energy Efficiency issues an official certificate.

Place : Chennai, India

Date : 22nd April, 2019

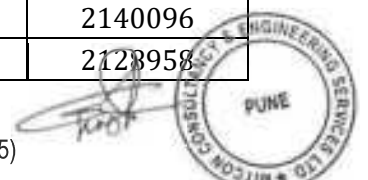
Controller of Examination

Sector wise number of successful Energy Audits / Studies Conducted till date are -

| Industrial & Commercial Sectors | No. of Energy Audits / Studies Conducted |
|--|---|
| Chemical / Pharmaceuticals / Petrochemicals | 161 |
| Hotels & Commercial Buildings | 129 |
| Textile | 130 |
| Engineering | 85 |
| Foundry / Forging | 71 |
| Sugar / Distilleries | 82 |
| Food Processing | 36 |
| Power Plants / Co-gen Units | 25 |
| Demand Side Management (Agriculture / Municipal) | 20 |
| Pulp & Paper | 21 |
| Rubber & Tire | 07 |
| Plastics | 19 |
| Water Pumping Stations | 20 |
| Water Audit | 12 |
| Glass | 03 |
| Plywood | 03 |
| Explosives | 02 |
| Refinery | 04 |
| Steel / Re-Rolling Mills | 35 |
| Gems & Jewellery | 02 |
| Mines & Ore | 02 |
| Hospitals | 12 |
| Chlor & Alkali | 06 |
| Fertilizers / Acid Plants | 07 |
| Ports | 04 |
| Ceramics & Cement | 01 |
| Others | 08 |
| Hydro-Geological Survey & Rain Water Harvesting System | 04 |
| Distribution Company | 08 |
| Safety Audits | 41 |

LIST OF ENERGY AUDIT INSTRUMENTS

| Sr. No | Name of Instrument | Qty. | Make | Model | Sr. No. |
|--------|--|------|--------------------|-------------------|---------------|
| 1 | Power Analyser 3 Phase | 1 | Krykard | ALM 35 | 211124 |
| 2 | Digital Clamp Meter | 1 | Meco | 3150 | YC407297 |
| 3 | Digital Insulation Tester | 1 | Meco | DIT 99E | 607402 |
| 4 | Digital Earth Tester | 1 | Waco | 1000ohms range | 62036 |
| 5 | Lux Meter | 1 | Kusum | KM-Lux-99 | 126817 |
| 6 | Thermal Imager with accessories | 1 | | Testo-881v2 | 5630881 |
| 7 | Ultrasonic Flow Meter | 1 | Siemens | FUP-1010 | 38521 |
| 8 | Multifunction Instrument | 1 | | Testo-435-4 | 2459314 |
| 9 | Digital Pressure Gauge | 1 | keller | Leo-2 | 59724 |
| 10 | Pressure gauge 5 KG | 1 | pointer | SP100GFS64 DB38 B | PIPL16070317 |
| 11 | pressure gauge 6000 mm WC | 1 | | | |
| 12 | Infrared Thermometer | 1 | testo | 805i | 49611202 |
| 13 | Distance meter | 1 | Fluke | 414 D | 31330028 |
| 14 | Photo Tachometer | 1 | Lutron | DT2236 | AE 40806 |
| 15 | Calorimetric Flow meter | 1 | Buhler Electronics | SF586b | G146458 |
| 16 | Pressure gauge 1000 mm WC | 1 | Zoom | | Z-01-14205 |
| 17 | Power Quality Analyser | 1 | Krykard | ALM- 31 | 3511 |
| 18 | Energy Explorer -1 | 1 | Elcontrol | Elcontrol | 11100048 |
| 19 | Energy Explorer -2 | 1 | Elcontrol | Elcontrol | 11100087 |
| 20 | Infrared Thermo Meter-1 | 1 | Fluke | 568 | 98920044 |
| 21 | Anemometer - 1 | 1 | Amprobe | TMA-40 | 15080038 |
| 22 | Temprature and Humidity data logger- 1 | 1 | Amprobe | TR 300 | 15080150 |
| 23 | Pressure Guage-2 | 1 | Baumer | 0 to 10 kg/cm2 | 0044PG13002 4 |
| 24 | Thermal Imager | 1 | Testo | testo-881-2 | 2327204 |
| 25 | Tachometer | 1 | Amprobe | TACH 20 | 32340091 |
| 26 | Krykard Portable Load Manager- 2 | 1 | Krykard | ALM - 10 | 103371 |
| 27 | Flue Gas Analyser - 1 | 1 | Kane International | Kane 900 Plus | 41511035 |
| 28 | Flue Gas Analyser - 2 | 1 | Kane International | Kane 900 Plus | 40415017 |
| 29 | Handheld Ultrasonic Water Flow Meter | 1 | Pointer Instrument | TUF 2000H | NA |
| 30 | Flue Gas Analyser | 1 | Testo | Testo 340 | 2140096 |
| 31 | Anemometer | 1 | Testo | Testo 416 | 2128958 |



| Sr. No | Name of Instrument | Qty. | Make | Model | Sr. No. |
|--------|--------------------------------------|------|--------------------|---------------|-----------------|
| 32 | Anemometer | 1 | Lutron | AM - 4201 | |
| 33 | Lux meter | 1 | Testo | Testo 540 | Testo 540 |
| 34 | Clamp Meter | 1 | Escorp | MD PA170 A | |
| 35 | Vibration Meter | 1 | Lutron | VB-8201HA | Q841834 |
| 36 | Power Analyser with 9 CT, 5PT | 1 | Krykard | ALM 35 | 211126 |
| 37 | Ultrasonic Flow Meter | 1 | GE | PT878 | PT7-6202 E |
| 38 | Temp. & Humidity Meter | 1 | Extech- | RH520 | CH20190 |
| 39 | Digital Earth Tester | 1 | Metravi | ERT-1502 | 12117281 |
| 40 | Syling Phychometer | 1 | - | - | - |
| 41 | Digital Vibration Meter | 1 | - | - | - |
| 42 | Laser Distance Meter | 1 | - | LDM 100 | - |
| 43 | Manometer/pressure Meter | 1 | Testo | Testo 526 | 2113245 |
| 44 | IR Thermometer | 1 | Extech-USA | Extech-42570 | 10129057 |
| 45 | Digital camera 1 Nos. | 1 | Fujifilm | Finepix jx | 1SK18070 |
| 46 | Power Analyser with 5 DC CT, 5PT | 1 | Krykard | ALM 35 | 211664 |
| 47 | Power Analyser single Phase with 2PT | 1 | Krykard | ALM 10 | 102426 |
| 48 | Air Flow meter | 1 | VP Flow scope DP | VPS-R200-P400 | 5101296 |
| 49 | LCR Meter | 1 | WACAO | WACAO24 | 12000381 |
| 50 | Compressed Air Flow Meter | 1 | Testo | 6442 | 05556442/K97/AC |
| 51 | Handheld Ultrasonic Water Flow Meter | 1 | Pointer Instrument | TUF 2000H | NA |

Signature of Authorized Person

Company Stamp