



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

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Federation of Indian Chambers of Commerce and Industry (FICCI), New Delhi** (Federation House, Tansen Marg, New Delhi – 110 001) 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- 4117F-2

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

This empanelment is valid up to 12/06/2027

Issuing Date: 06/09/2024


Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

| Information of firm | | |
|---------------------|---|--|
| 1. | Name & address of the firm | Federation of Indian Chambers of Commerce & Industry (FICCI) Federation House, Tansen Marg, New Delhi- 110001 |
| | Office(with STD) | 011-2348228 |
| | Mobile | +91-9868112517 |
| | Fax number | 011-23320714 |
| 2. | Website (if any) | www.ficci.in |
| 3. | Email address | ma.patil@ficci.com |
| 4. | Name ,Designation and address of Contact person | M N Girish, Director FICCI Federation House, Tansen Marg, New Delhi- 110001 |
| 5. | Office(with STD) | 011-23487229 |
| | Residence(with STD) | NA |
| | Mobile | +91-9810082612 |
| 6. | Email address | mn.girish@ficci.com |
| 7. | Year of establishment | 1956 |
| 8. | Year of commencement of energy audit by the firm. | 2005 |
| 9. | No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses) | <p>a. Akhilesh Mahurkar (Director) FICCI Andhra Pradesh State Council 8-2-699/1, 3rd Floor, K R Towers, Road No. 12 Banjara Hills, Hyderabad 500 034 Email: akhilesh.mahurkar@ficci.com</p> <p>b. Mr Pankaj Tibak, (Head) FICCI Gujarat State Council A-311, Safal Pegasus, 100 ft Road, Prahladnagar, Ahmedabad - 380 015 Email: gujarat@ficci.com</p> <p>c. Mr. Shajumanagalam (Head) FICCI Karnataka State Council Manipal Center Dickenson Road Bangalore - 560042 Email: karnataka@ficci.com</p> <p>d. Mr. Deepak Mukhi (Head) FICCI Western Regional Council Krishnamai Cooperative Housing Society Ltd Ground Floor, Plot No. 33-B, Pochkhanwala Road, Worli , Mumbai - 400 025 Email: msc@ficci.com</p> <p>e. Mr Atul Sharma, (Head) FICCI Rajasthan State Council 202 Rajputana Tower, A-27-B, Shanti Path, Tilak Nagar, Jaipur - 302 004 Email: atul.sharma@ficci.com</p> <p>f. Mr P Sridharan, (Head) FICCI Tamil Nadu State Council 2A, Bajaj Manor, 14A, College Road Chennai 600006</p> <p>g. Mr Savio Mathew, (Head) FICCI Kerala State Council 7th Floor, Alpha Plaza Building, Kadavanthra Junction, Kochi – 682020 Email : kesc@ficci.com</p> |

Details of Associated Energy Experts and Audits Conducted by firm

| | | | |
|----|---|---|---|
| 1. | Number of resource persons available | 10 | |
| 2. | Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm | 4 nos. Mr. M A Patil – 30 years Mr. MN Girish – 20 years Mr. Pushpendra Nayak – 10 years Mr. Amit Kumar Singh- 6 years | |
| 3. | No. of part-time energy auditors in position during the current year / previous year associated with the firm. | 4 nos. | |
| 4. | Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector | Govt & Commercial Buildings- 18 Thermal Power Plants- 1 Captive Power Plants- 5 Aluminum – 4 Cement – 2 Fertilizer- 6 Textile – 2 Pulp & Paper - 10 Refinery – 2 Oil & Gas-1 Mining-1 Sugar – 2 Engineering – 7 Demand Side Management-3 | |
| 5. | Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. | Buildings, Thermal Power Plants, Aluminum, Cement, Fertilizer, Textile , Pulp & Paper Refinery, Oil & Gas, Mining, Sugar, Engineering Agriculture & Municipal Demand Side Management | |
| 6. | Energy audit of thermal utility system (list sectors) | Boilers, Steam distribution system, Furnaces, Insulation & refractories, WHRB , Kilns, Pre heaters, Dryer ,Cogen systems, Steam Turbines, Gas Turbines etc | |
| 7. | Energy audit of electrical utility system (list sectors) | Electrical Motors, Transformers, Reactive Power Management systems, Compressed air system, HVAC & refrigeration System, Fans & Blowers Pumps & Pumping System, Cooling Towers, Lighting System, DG Sets, Coal Mills, Crushers etc | |
| 8. | Instruments available | (a) Electrical (list the name of the instruments) | Krykard Load Manager, ALM -30 Krykard Load Manager, ALM -10 Fluke Power Quality Analyzer, PQ-345 Clamp meter –Kusum Meco |
| | | (b) Thermal (list the name of the instruments) | Ultrasonic flowmeter Doppler Type Flow meter Flue Gas Analyzer Thermal Imager Anemometer Temperature Indicators Psychrometers Pressure meter Pitot Tube Lux Meter PH meter TDS meter |

| *Bio data of Certified Energy Auditor | | | |
|--|---|---|---|
| 1 | Name of energy auditor | M A Patil |  |
| 2. | Qualifications. | B.E (Mechanical Engg) PG Certificate Course (Energy Management) | |
| 3. | Experience. (use additional sheet if required) | 30 years | |
| 4. | Residence(with STD) | NA | |
| 5. | Mobile | +91-9868112517 | |
| 6 | Email address | ma.patil@ficci.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 | 30 th July 2009 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 30 th July 2009 | |
| 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.) | EA- 10204 | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | 4751 | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | Yes 26 th June 2015 AEA- 0232 | |
| Remarks(if any)--Nil | | | |


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

Place: New Delhi

Signature: 

Date: 18th June 2021

Name: M A Patil
Designation: Sr. Director-RCM

| *Bio data of Certified Energy Auditor | | | |
|--|---|--|---|
| 1 | Name of energy auditor | M N Girish |  |
| 2. | Qualifications. | B.E (Electrical & Electronics Engg) | |
| 3. | Experience. (use additional sheet if required) | 20 years | |
| 4. | Residence(with STD) | NA | |
| 5. | Mobile | +91-9810082612 | |
| 6 | Email address | mn.girish@ficci.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 | 30 th July 2009 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 30 th July 2009 | |
| 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.) | EA- 5499 | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | 4500 | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | Yes 26 th February 2013 AEA- 0013 | |
| Remarks(if any)--Nil | | | |

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

Place:

New Delhi

Signature:



Date:


18th June 2021

Name:

M N Girish

Designation:

Director-RCM

| *Bio data of Certified Energy Auditor | | | |
|--|--|---|---|
| 1 | Name of energy auditor | Pushpendra Nayak |  |
| 2. | Qualifications. | B.E (Mechanical Engg) M.Tech (Energy Management) MBA (International Business) | |
| 3. | Experience. (use additional sheet if required) | 14 years | |
| 4. | Residence(with STD) | NA | |
| 5. | Mobile | +91-9313636244 | |
| 6 | Email address | pushpendra.nayak@ficci.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 | 7 th July 2009 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 7 ^h July 2009 | |
| 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.) | EA- 6581 | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | 4463 | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | Yes 18 th December 2015 AEA- 0248 | |
| Remarks(if any)--Nil | | | |

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

Place: New Delhi


Signature:

Date: 18th June 2021

Name:
Designation:



Pushpendra Nayak
Joint Director-RCM

| *Bio data of Certified Energy Auditor | | | |
|--|---|--|---|
| 1 | Name of energy auditor | Amit Kumar Singh |  |
| 2. | Qualifications. | B.Tech (Mechanical Engg) PG Diploma (Energy Management) | |
| 3. | Experience. (use additional sheet if required) | 11 years | |
| 4. | Residence(with STD) | NA | |
| 5. | Mobile | +91-9811333063 | |
| 6 | Email address | amit.singh@ficci.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 | 9 th January 2015 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | 9 th January 2015 | |
| 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.) | EA- 18277 | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | 8143 | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | Yes 4 th May 2017S AEA-0262 | |
| Remarks(if any)--Nil | | | |

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

Place: New Delhi


Signature:



Date: 18th June 2021

Name:
Designation:

Amit Kumar Singh
Deputy Director-RCM

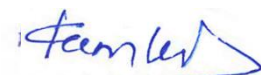
| *Bio data of Certified Energy Auditor | | | |
|--|---|--|---|
| 1 | Name of energy auditor | Kamlesh Shah |  |
| 2. | Qualifications. | B.Tech (Mechanical Engg) M. Tech (Energy Management) | |
| 3. | Experience. (use additional sheet if required) | 10 years | |
| 4. | Residence(with STD) | NA | |
| 5. | Mobile | +91-9654054916 | |
| 6 | Email address | kamlesh.shah@ficci.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 | 10 th February 2016 | |
| 8 | Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems" | NA | |
| 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.) | EA- 22481 | |
| 10 | Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" | 7278 | |
| 11 | Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No. | No NA NA | |
| Remarks(if any)--Nil | | | |

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

Place:

New Delhi

Signature:



Date:

18th June 2021

Name:

Kamlesh Shah

Designation:

Sr. Asst Director-RCM