


Annexure-II

**(Note : To be submitted by the applicant at the time of submission of application. This is a modified version of Form IV. The original version of Form IV may please be seen in the Notified Regulation)
BUREAU OF ENERGY EFFICIENCY**

Serial Number: (AEA- 0325)		As on 17.10.2022	
A.			
1	Name of energy auditor	KAVIN KUMAR S	Photograph of the energy auditor 
2	Father's name	SHANMUGHAM P	
3	Date of certification as Energy Manager (or Energy Auditor, pl specify)	10.03.2017 Energy Auditor	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Sep 2016 (25.09.2016)	
5	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 - 24827 EA - 24827	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	(i) CEM BEE Certificate Registration No: 13940 (ii) CEA NPC Provisional Certificate No: 9099, BEE Photo ID Card No: 9099	
7	Date of issue of accreditation certificate		
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	Petroleum Conservation Research Association	
9	Date of accreditation as accredited energy auditor		
10	Type of firm/ private/ Government /NGO etc.	GOVERNMENT	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Sh AWADESK KUMAR PANDEY Director (PS) Petroleum Conservation Research Association, (Ministry of Petroleum & Natural Gas, GOI), Sanrakshan Bhavan, No: 10, Bhikaji Cama Place, New Delhi – 110066 Ph- 011-26198856 Extn: 235, Fax – 011-26109668
12	Professional postal address with Pin Code of the accredited energy auditor	Sh KAVIN KUMAR S Project Manager, IOCL, Paradip Refinery, PO: Jhimani, Dist: Jagatsinghpur, Paradip, Odisha – 754141 Mobile: 9758006600
13	E-mail address	kavinkumar.shan@gmail.com kavinkumars@indianoil.in
14	Telephone numbers. with STD Code (R) (O) Mobile no:	HO : 011-26198856 , Regional office : 044-28290418 Mobile: 9758006600
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1978 (10.08.1978)
16	Year of commencement of energy audit of the firm	1978 (10.08.1978)
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	Yes ISO 50001: 2018
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Head Office: Executive Director Petroleum Conservation Research Association, (Ministry of Petroleum & Natural Gas, GOI), Sanrakshan Bhavan, No: 10, Bhikaji Cama Place, New Delhi – 110066 Ph- 011-26198799, Fax – 011-26109668 Regional Office: 1. Southern Region – Chennai Petroleum Conservation Research Association BSNL Building, Tower-2, Ground Floor, No: 16, Greams Road, Chennai-600006 Ph- 044-28418018

		<p>2. Northern Region – New Delhi Petroleum Conservation Research Association, Sanrakshan Bhavan, 10, Bhikaji Cama Place, New Delhi – 110066 Ph- 011-26109603</p> <p>3. Eastern Region – Kolkata Petroleum Conservation Research Association No. 2, Gariahat Road (South), Dhakuria, 6th Floor, IOCL Bhawan, Kolkata -700068 Ph- 033-24145092</p> <p>4. Western Region – Mumbai Petroleum Conservation Research Association C-5, Kesva Building, Gr Floor, Bandra Kurla Complex, Bandra East, Mumbai-400 051 Ph - 022-26592587</p>
C	Details of Associated Energy Experts	
19	Number of resource persons available	25 (Including CEM's, CEA's, and AEA's)
20 (I)	Number of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>1. Sh. Anupam Shrivastava, AEA- 0167, Qualifications-B. Tech, CEA- 2773 has an experience of more than 30 years , has done more than 25+ Audits in Power, Iron & steel, Petroleum Refining, Oil exploration, Pulp and paper Mill, Textiles, Buildings, Automobile Industry and LPG Bottling Plants of oil industry</p> <p>2. Sh. Shankhajeet Kr Sinha, Qualification-B.E (Mech Engg) , AEA-0028, CEA- 4896. Has an experience of 30 years in Petroleum Industry. Has conducted more than 40+ Energy audits in Petroleum industry, Thermal Power plant, Iron & Steel, Manufacturing industry and Buildings.</p> <p>3. Ms Anupriya Sharma, B.Tech, PGDM, CEA-21914, Has 12 years of Experience in Oil industry and has carried out Energy audits in Petroleum Refineries, Petrochemical plants, Depot, LPG Plants, Buildings.</p> <p>4. Sh Prateek Sahani, B.Tech, CEA- 32198, Has 09 years of Experience in Oil industry and has carried out Energy audits in Petroleum Refineries, Petrochemical plants, Depots, LPG Plants, Buildings.</p> <p>5. Srinivasan M, AMIE, CEA- 17707, Has 20+ years of Experience industry sector and has carried out</p>

		<p>65+ Energy audits in Cement industry, Hotels, Buildings, Paper and pulp, Thermal power plants, Petroleum Refineries, Oil Installations.</p> <p>6. Sh Samir Gupta, CEA-27323, has 20+ years of Experience in Industry and has carried out Energy audits in Refineries, Oil and Gas Installations, Buildings.</p> <p>7. Sh Abhishek Daga, B Tech, CEA – 34638, has 13+ years of Experience in the industry and has carried out Energy audits in Refineries, Cement plants, Oil and Gas installations, Buildings.</p> <p>8. Sh Rabindranath Mandal, CEA -2130, has 35+ years of experience in the industry and has carried out Energy audits in Refineries, Oil and Gas installations and Buildings.</p>
20 (II)	No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	<p>1. Sh Rajendra Singh, M.E, AEA-0247, CEA-4677, has 40+ years of experience in the industry sector and has carried out Energy audits in Power Plants, Automobile, Pharmaceuticals, Buildings, Petroleum Refineries, Petrochemicals.</p> <p>2. Sh B K Jha, B.E, CEA-22474 has 40+ years of Experience in the industry and has carried out Energy audits in Railways, Refineries, Thermal Power plants, Petrochemicals.</p>
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	Petroleum Refineries, Petrochemicals, Thermal Power Plants, Railways, Iron and Steel, commercial Buildings, Hotels, Pharmaceuticals, Dairy plants, Tea industry, Manufacturing and Engineering industry
22	Subject wise expertise	<ol style="list-style-type: none"> 1. Petroleum Refineries 2. Petrochemical 3. Thermal Power Plants 4. Railways 5. Iron and Steel 6. Commercial Buildings, hotels 7. Pharmaceuticals 8. Dairy plants 9. Tea industry 10. Manufacturing , Engineering
(a)	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. Bureau of Energy Efficiency will be calling for detailed information in case agency has listed its energy audit expertise in the process systems	<ol style="list-style-type: none"> 1. Petroleum Refineries 2. Petrochemical 3. Thermal Power Plants 4. Railways 5. Iron and Steel 6. Commercial Buildings, hotels 7. Pharmaceuticals 8. Dairy plants 9. Tea industry 10. Manufacturing , Engineering

(b)	Energy audit thermal utility system(list sectors)	<ol style="list-style-type: none"> 1. Petroleum Refineries 2. Petrochemical 3. Thermal Power Plants 4. Railways 5. Iron and Steel 6. Commercial Buildings, hotels 7. Pharmaceuticals 8. Dairy plants 9. Tea industry 10. Manufacturing , Engineering
(c)	Energy audit electrical utility system(list sectors)	<ol style="list-style-type: none"> 1. Petroleum Refineries 2. Petrochemical 3. Thermal Power Plants 4. Railways 5. Iron and Steel 6. Commercial Buildings, hotels 7. Pharmaceuticals 8. Dairy plants 9. Tea industry 10. Manufacturing , Engineering
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ol style="list-style-type: none"> 1. Three Phase power analyzer 2. Lux Meter 3. Clamp meter 4. Ultrasonic Flow Meter
	(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"> 1. Flue Gas analyzer 2. Infrared thermometer 3. Digital Hygrometer 4. Digital Anemometer 5. Thermal imager
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	<ol style="list-style-type: none"> 1. Seminar on “Conversion to Electric Vehicles and its cost benefit analysis” at NIMHANS Conventional Centre, Bangalore on 27-06-2019 2. Webinar on “Energy Conservation Opportunities and their cost Analysis” to ASTU, GIMT on 16-07-2020 3. Seminar on “SEC reduction of BEML plant utilities”, Bangalore on 10-06-2021
(ii)		<ol style="list-style-type: none"> 4. Training program on “Renewables and Waste Heat Recovery”, (webinar) on 18-08-2020 5. Training Program on “MBN working for refineries and its relation with EnCON Savings”, (webinar) on 19-03-2021
(iii)		<ol style="list-style-type: none"> 6. Workshop on Energy Conservation Findings and ways of implementation to MRPL, Mangalore on 18-02-2021 7. Workshop on Energy Conservation Findings and ways of implementation to BPCL KR, Kochi on 09-08-2021 8. Workshop on Energy Conservation Findings and ways of implementation to BGR, Bonaigaon on 13-12-2021

D	Remarks (if any)
	<p>A. An executive professional with 11+ years of Experience in Project Management, Plant operation and Energy Management</p> <p>B. Certified Energy Auditor from Bureau of Energy Efficiency</p> <p>C. Qualified Lead Auditor for ISO 50001:2018 (EnMS)</p> <p>Major Jobs carried out in the Field of Energy Audits</p> <p>D. Energy Audits</p> <p><i>Thermal Power Plants</i></p> <p>i. MTPS, Mettur Dam, Salem, Tamil Nadu NLC, Neyveli, Tamilnadu TTPS, Tutucorin, Tamilnadu</p> <p><i>Petroleum Refineries</i></p> <p>ii. MRPL, Mangalore CPCL Refinery, Chennai BPCL Kochi Refinery HPCL Vizag Refinery IOCL Bongaigaon Refinery</p> <p><i>Railways</i></p> <p>iii. Rail Wheel Factory, Yelahanka, Bangalore SWR, Mysore SWR Hubli</p> <p><i>Buildings</i></p> <p>iv. Mother and Child Hospital, Udupi Art of Living International Centre, Bangalore NIFT Bangalore</p> <p><i>Others</i></p> <p>v. Valspar Coating, Bangalore VOC Port Tutucorin Everady Maddur Kirloskar Toyota Textile Machinery Bangalore Reckitt Benckiser Mysore Toyota Engines Jigani Bangalore Tadimety Auromatics Tumkur</p> <p>E. M&V Audits</p> <p>RTPS , Raichur, Karnataka VISL , Bhadravati Karnataka BPCL Kochi Refinery</p>

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

Place: Paradip

Date: 11.10.2022

Name: **KAVIN KUMAR S**
Designation **Project Manager**
For and on behalf of

Petroleum Conservation Research Association

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

