



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

CERTIFICATE OF EMPANELMENT

This is to certify that M/S. PETROLEUM CONSERVATION & RESEARCH ASSOCIATION (PCRA), (BSNL Building Tower-2, Ground Floor,16,Greams Road, Chennai, Tamil Nadu-600006) 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- 3215 F - 2

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

This empanelment is valid up to 13/06/2024

Issuing Date: 14/06/2021


Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala


Information of firm	
1.	Name & address of the firm PETROLEUM CONSERVATION RESEARCH ASSOCIATION BSNL Building, Tower-2,Ground Floor, No 16, Greams Road, Chennai-600 006
	Office(with STD) 044-28290416/8
	Mobile 9447498207
	Fax number
2.	Website (if any) www.pcra.org
3.	Email address r c s r @ p c r a . o r g
4.	Name ,Designation and address of Contact person A.M. Santosh Kumar, Regional Coordinator, PCRA-SR, BSNL Building, Tower-2,Ground Floor, No 16, Greams Road, Chennai-600 006
5.	Office(with STD) 044-28290416/8
	Residence(with STD)
	Mobile 9447498207
6.	Email address r c s r @ p c r a . o r g
7.	Year of establishment 1978
8.	Year of commencement of energy audit by the firm. 1978
9.	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses) <ol style="list-style-type: none"> 1. HEAD OFFICE Sanrakshan Bhavan, 10, Bhikaji Cama Place, New Delhi- 110 066 (011-26198856) 2. REGIONAL OFFICE- SOUTH PCRA, BSNL TN Circle Building, Ground Floor, No.16, Greams Road, Chennai-600 006 (44-28290416) 3. SUB REGIONAL OFFICES-SOUTH a) SRO's at Bangalore, Hyderabad & Vizag)

Details of Associated Energy Experts and Audits Conducted by firm			
1.	Number of resource persons available	17	
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	17	
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	Nil	
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Across Industry. PCRA-Southern Region alone has done more than 2000 Energy Audits till date.	
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Refinery/ Power/ Steel/ Milk/ Tyre/ Ceramic etc	
6.	Energy audit of thermal utility system (list sectors)	Refinery/ Power/ Steel/ Milk/ Tyre/ Sugar/Ceramic etc	
7.	Energy audit of electrical utility system (list sectors)	Industries/ Oil Terminals & Storage Facilities/ Office & Commercial spaces	
8.	Instruments available	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> 1) Power analyzers 2) Ultrasonic Flow meter 3) Clamp Meter 4) Lux Meter 5) Sling Psychrometer
		(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> 1) Flue gas analyzers 2) Infrared thermometer 3) Thermal insulation scanner

*Bio data of Certified Energy Auditor


1	Name of energy auditor	R.Nesamani	
2.	Qualifications.	B.Tech (Mechanical)	
3.	Experience. (use additional sheet if required)	1) RELIANCE ENERGY LIMITED: 1.5 years in Maintenance of 2 x 250 MW Thermal power stations 2) GAIL India Ltd:12 years of experience in managing LPG & Natural Gas Pipeline Operations & Maintenance. 3) PCRA- Conducting energy audits & ISO-50001 consultancy.	
4.	Residence(with STD)	--	
5.	Mobile	7708881606	
6	Email address	srfe3@pcra.org	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	20.03.2018	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Apr 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.)	EA-27351	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EM 8659	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No.	
Remarks(if any)--Nil			

*Bio data of Certified Energy Manager

1	Name of energy auditor	Chandra Mohan M	
2.	Qualifications.	BE (EEE)	
3.	Experience. (use additional sheet if required)	10 years in Oil Industry. Last 4 year in Energy Auditing at PCRA	
4.	Residence(with STD)		
5.	Mobile	7894400458	
6	Email address	srfe1@pcra.org	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	22.04.2019 (Energy Manager)	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	December 2018	
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 24861	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	9057/19	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No	
Remarks(if any)--Nil			


*please attach bio data of all auditors/managers of your firm.

***Bio data of Certified Energy Auditor**

1	Name of energy auditor	Kavin Kumar S	
2.	Qualifications.	B.E	
3.	Experience. (use additional sheet if required)	06	
4.	Residence(with STD)	--	
5.	Mobile	09758006600	
	Email address	srobangalore@pcra.org	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	EA-24827 Dt: 10.03.2017	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	25.09.2016	
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-24827 (ii) EA-24827	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	(i) 9099 (ii) 9099	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	NO	
Remarks(if any)—Nil			

*please attach bio data of all auditors/managers of your firm.

*Bio data of Certified Energy Auditor

1	Name of energy auditor	M. Srinivasan	
2.	Qualifications.	AMIE (MECH)	
3.	Experience. (use additional sheet if required)	23 Years in Industry and Energy Audits	
4.	Residence(with STD)	--	
5.	Mobile	9600500542	
6	Email address	indsectorsr@pcra.org;srini.pcra@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	04.03.2014 (Energy Auditor)	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	06.01.2014	
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.)	CEA-17707	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	11257 7670 (Provisional)	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No.	
Remarks(if any)--Nil			

*Bio data of Certified Energy Auditor

1	Name of energy auditor	CHANDRA KUMAR U	
2.	Qualifications.	ME (Energy)	
3.	Experience. (use additional sheet if required)	12 years	
4.	Residence(with STD)		
5.	Mobile	8667512458	
6	Email address	consultant3@pcra.org	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	06.01.2014	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Aug 2013	
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- 15189	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	10985 7391 (Provisional)	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Yes 01/07/2016 AEA 244	
Remarks(if any)--Nil			

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

Place: Chennai

Signature:

Date: 05/07/21

Name: A.M. Santosh Kumar
Designation: Regional Coordinator-PCRA SR