


FORM IV
(Refer regulation 7(2))
Bureau of Energy Efficiency
REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED
ENERGY AUDITORS

Serial Number: (AEA- 285)		As on: (09/05/2018)	
A.			
1	Name of accredited energy auditor	ATUL DATTATRAY VYAWAHARE	
2	Father's name	DATTATRAY	
3	Date of certification as Energy Manager	30 TH July 2009 (Energy Auditor)	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	May -2009	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-9295	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	6550 (Issued by BEE) 4628 (Provisional Certificate by NPC)	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
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	(to be filled by BEE)	
10	Type of firm/ private/ Government /	GOVERNMENT	

	NGO etc.	
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Name: Atul D Vyawahare Designation: Additional Director Address: M/s. Petroleum Conservation Research Association, C-5, Keshva Building, Ground Floor, Bandra – Kurla Complex, Bandra (E), MUMBAI – 400 051 Tel: +91022-2659 0051, 022- 26592181 Fax: :-+91 022-2659 0034
12	Professional postal address with Pin Code of the accredited energy auditor	Name: Atul D Vyawahare Designation: Additional Director Address: M/s. Petroleum Conservation Research Association, C-5, Keshva Building, Ground Floor, Bandra – Kurla Complex, Bandra (E), MUMBAI – 400 051 Tel: +91 022-2659 0051, 022- 26592181 Fax: :-+91 022-2659 0034
13	E-mail address	vyawaharead@pcra.org , vyawaharead@gmail.com
14	Telephone numbers. with STD Code (R) (O) Mobile no:	(O) 022- 26590051 Mob: 9819146864
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1978
16	Year of commencement of energy audit of the firm	1978
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<ol style="list-style-type: none"> 1. ISO 50001 : Energy Management System Lead auditor 2. Certificate as a Expert Trainer given by Asian Productivity Organisation, Japan 3. steam engineering certificate given by Forbes Marshall 4. TERI certificate on one year international PEERS programme under energy, environment,

		sustainability 5. High Impact Communication by Dale Carnegie Training
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Head office: New Delhi Regional office: New Delhi, Mumbai, Kolkatta, Chennai Sub Regional Office in 18 states All addresses given in www.pcra.org
C	Details of Associated Energy Experts	
19	Number of resource persons available	37
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<ol style="list-style-type: none"> 1. Sh Shashank M Herlekar, DGM - Indian Oil Corporation Ltd on deputation as Regional Coordinator and Additional director PCRA, Mumbai. Accredited and certified Energy Auditor (EA-18357). Had Experience of 25 yrs in Petroleum and Energy Efficiency sector. He has done More than 25 Audits in Petroleum, Petrochemical, Thermal Power Plants, Buildings and Automobiles sectors, steel industry. ISO 50001 Lead auditor. 2. VK Srivastava, GM TS, IOCL Refinery Haldia , earlier Additional Director PCRA, New Delhi, B.Tech in Chemical Engineering, Accredited and Certified Energy Auditor (EA 6735) thru Bureau of Energy Efficiency and Certified Lead Auditor ISO-50001. He has done EA in industry energy Efficiency in refineries, power plant, textile, steel industry, M&V studies under PAT done. 3. Rajesh Mohan, Accredited Energy Auditor , B Tech Chemical Engg. BEE Accredited and Certified Energy Auditor

		<p>(AEA 219 and EA – 15919). Asst. Manager, PCRA, SR Chennai. ISO 50001 Lead auditor. Has done 40 audits in iron and steel, Petrochemical, Petroleum, Thermal power plant and manufacturing sector.</p> <p>4. Shri. Ajith Kumar K.R. Addl. Director, Qualification: B.Tech (Mechanical), BEE Accredited and Certified Energy Auditor (AEA 239 and EA-16223) , Has an experience of 26 years in petroleum and energy efficiency sector. Has done 45 audits in iron and steel, Petrochemical, Petroleum, Thermal power plant and manufacturing sector. ISO 50001 Lead auditor.</p>
	<p>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>	<p>Shri. Pushkar Khanna, BEE Accredited Energy Auditor and expert. External Faculty PCRA, Qualification: BE Elect. Engineer. Has an experience of more than 23 years in energy efficiency consultancy audits, energy audits completed in petroleum refineries, petrochemicals, power plants, automobile sector, cement sector.</p> <p>Shri. Purab Chittora. BE [elect]. 16 years of Industrial experience, in Energy Audits/Efficiency. Conducted audits across Industries which include Sugar, Paper, Power, Chemical plants, refineries, automobile sector. Also External faculty of PCRA.</p>
21	<p>Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception</p>	<p>Petroleum Refineries, Petrochemicals, Oil & Gas, Lubricating plants, depots, LPG filling stations, LPG bottling plants, Thermal power plants, Dairy, Chlor alkali, Ceramics, Paper and Pulp, Aluminium, Foundries, Printing and packaging, Buildings, Pharmaceuticals, Automobile</p>
22	<p>Subject wise expertise</p>	<p>Petroleum Refineries, Oil & Gas, Petrochemicals, Dairy, Petroleum installations, Depots, Lube plants, LPG plants, building .</p>

(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	Nil		
(b)	Energy audit thermal utility system (list sectors)	Petroleum, lubricating plant.		
(c)	Energy audit electrical utility system (list sectors)	Petroleum, Oil & Gas, Lubricating plant.		
23	Instruments available			
	(a) Electrical (list the name of the instruments)	3 Phase power analyser, Digital Lux meter,		
	(b) Thermal (list the name of the instruments)	Ultrasonic flowmeter-EESIFLO Flue Gas analyser ACE 8000, Clamp on ultrasonic flow meter, Dry wet thermometer, Manometer, Digital thermometer, Digital anemometer, Infra red thermal gun etc.		
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Speaker	PI refer Annex-1. Lecture given through APO at Tehran, Iran. Institutes, industries, Centre for high technology, MOP&NG forum, TBIA industrial association etc,	
(i)				
(ii)			Energy conservation in Dairy	Amul Dairy plants
(iii)			Thermal Energy conservation opportunities	BPCL Refinery, HPCL Refinery, Lubrizol plant, seminars, etc.
(iv)			Energy conservation in Boiler systems	Seminars, power plant, refineries

D	Remarks(if any)

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

Place Mumbai

Date:3rd November 2017

Signature:

Name Atul Dattatray Vyawahare

Designation Additional Director PCRA WR

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.)