

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

Serial Number (AEA-235)		As on 26/6/2015	
A.			
1	Name of accredited energy auditor	Shri Chandrashekar Medar	Photograph of the energy auditor
2	Father's name	Ramachandrappa Medar	
3	Date of certification as Energy Manager	February 1, 2012	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	February 1, 2012	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 12156	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	8868	
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	Motwane Manufacturing Company Private Limited - Nashik	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Private	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Mr. Ajit Parundekar – Jt. Managing Director Motwane Manufacturing Company Private Ltd. Gyan Bhag, Motwane Road, Nashik Road , Nashik – 422101, Tel : 91—253-2463752/53 Fax: 91-253-2463197 Mob:+91- 9822018055 E-Mail: ajit@motwane.com
12	Professional postal address with Pin Code of the accredited energy auditor	Motwane Manufacturing Company Private Ltd. Gyan Bhag, Motwane Road, Near Datta Mandir, Nashik road, Nashik – 422101 www.motwane.com
13	E-mail address	Shekarm2005@yahoo.co.in
14	Telephone numbers. with STD Code (R) (O) Mobile no:	Office: Tel No. : 91—253-2463752/53 Mob: +91-9611800861,+91-8600994699
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1961
16	Year of commencement of energy audit of the firm	2015
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	Yes 1. ISO – 9001-2000 2. R&D lab is recognized by - Dept. of Scientific and Industrial Research Govt. of India
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Corporate Office – Nashik The Motwane Manufacturing Company Private Limited Gyan Bhag, Motwane Road, Nashik Road, Nashik – 422101, Maharashtra, India Tel : 91—253-2463752/53 Toll Free : 18002337766 Fax: 91-253-2463197 Email- sales@motwane.com

	<p>Mumbai The Motwane Manufacturing Company Private Limited 223-224, 2nd floor, Midas sahar plaza JB Nagar, Andheri –Kurla Road Andheri, Mumbai – 400059, India Tel : 91-22-40155585/86/87 Fax: 91-22-40155588 E – Mail : Mumbai@motwane.com</p>	<p>New – Delhi The Motwane Manufacturing Company Private Limited 2D, 2nd floor, Vandana Building, 11, Tolstoy Marg, Cannought Palace, New Delhi – 110001, India Tel: 91-11-41522105 Fax:91-11-41522106 E-Mail : delhi@motwane.com</p>
	<p>Bangalore The Motwane Manufacturing Company Private Limited #8/12, 3rd floor, Honnam Complex South cross road, Basavanagudi Bangalore – 56004, India Tel: 91-80-26611323 Fax: 91-80-26621186 E – Mail : bangalore@motwane.com</p>	<p>Kolkata The Motwane Manufacturing Company Private Limited Eden Terrace , 10, Tarak Dutta Road Beck Began, Near Methai Kolkata – 700019, India FCT Landline : 9007791374 Tele Fax: 91-33-22832436 E-Mail : Kolkata@motwane.com</p>
C	Details of Associated Energy Experts	
19	Number of resource persons available	1
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	1
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	Nil
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	28
	Hospital, Hotels, Pharmaceuticals, Offices, Residential township, Retail sector, Buildings, Data Centre, Automotive, Cement, Tyre plants, Highways, Port – shipyards	Diamond : 1 Foundry, Glass, Iron & Steel, Mining, Refractory, Rayon, CPP – Cement, Thermal PP, Textile, Engineering, Food & Brewery : 6
22	Subject wise expertise	<ul style="list-style-type: none"> • Efficiency evaluation (by direct & indirect method) for furnaces, kilns, boilers and complete system analysis including its auxiliaries to identify energy conservation measures. • Boilers: Conduct heat balance to identify various losses, steam distribution & end users

		<p>study.</p> <ul style="list-style-type: none">• Two stage blow down recovery system (Flash recovery & sensible heat recovery system) with respect to boiler water and blow down TDS• Thermal system solutions: Fuel substitution for thermic fluid heaters and package boilers ,replacement of electric water heaters with solar /Gas fired hot water generators , recirculation of hot condensate in package boilers, topping turbine in place of pressure reducing valve , relocation of temperature sensor in electric heat treatment furnace to reduce cycle time.• Waste heat recovery system: propose measure to optimize fuel consumption from measurement and analysis of flow and temperature. HRSG from waste flue gas from process industries, WHR to preheat the feed water & combustion air to improve the boiler performance, heat of compression type driers in compressed air system based on dew point requirement.• Furnaces & Kilns: Detailed performance evaluation of fans, air & heat balance and identification of energy conservation opportunities.• Pumping system: Detailed performance evaluation of fluid pumping system, benchmarking, identification of energy conservation measures, Tech economical evaluation of energy efficiency improvements projects in pumping for commercial & industrial establishments.• Cooling tower : Evaluation of temperature profile for the optimization of L/G ratio and to recommend techno economic solution to improve effectiveness• Air compressors: Receiver pressure and discharge pressure reduction , VFD for compressor motor , replacement of existing compressor with new energy efficient compressor , pipe size modification, suction port size modification , leak test and pump up test to calculate compressor performance.• HVAC: Building heat load estimation, chiller specific energy consumption & operating pattern of the chillers and identifying energy conservation measures to reduce the chilled water plant energy consumption.
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(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)	<ol style="list-style-type: none"> 1. Thermal Power plants 2. Co – gen power plants 3. Cement plant 4. Textiles 5. Pharmaceuticals 6. FMCG 7. Food Processing 8. Tyre industry
(c)	Energy audit electrical utility system (list sectors)	<ol style="list-style-type: none"> 1. Thermal Power plants 2. Co – gen power plants 3. Cement plant 4. Textiles 5. Pharmaceuticals 6. FMCG 7. Food Processing 8. Buildings
23	Instruments available	NA
	(a) Electrical (list the name of the instruments)	NA
	(b) Thermal (list the name of the instruments)	NA

24 (i)	Details of training program/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit		
(ii)			
(iii)			

D	Remarks(if any)		
	Since company started Energy auditing business in the month of May – 2015, we are in the process of purchasing the all one set of energy auditing instrument. The declaration for the same from company with signature and seal is attached with this application.		

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

Place: Nashik

Signature

Date: 01-06-15

Name:

Designation:

For and on behalf of:

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