


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

Serial Number (AEA- 0188)		As on:- 09/10/2014	
A.			
1	Name of the accredited energy auditor	Mr. Mukund Ambadasrao Toke	
2	Father's name	Mr. Ambadasrao Toke	
3	Date of certification as Energy Manager (or Energy Auditor, pl specify)	18 th November 2005	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	18 th November 2005	
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-0003	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	997	
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	ARROW ENERGY AUDITORS PVT.LTD.	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Private Limited	

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. Manik Yadavrao Pawar (M.D.) ARROW ENERGY AUDITORS PVT.LTD. 312,Shaniwar Peth, Siddhant 'A'Society, PUNE. 411030. Tel:020-24483234, 24487774 Fax:020-24483234 Mobile::0 94220 15965 pess@vsnl.net
12	Professional postal address with Pin Code of the accredited energy auditor	Mukund Ambadasrao Toke DPTS Enterprises Shop No.5, Shopping Plaza-B, Ramabug Colony, Paud Road,PUNE – 411 038
13	E-mail address	dptsmat@gmail.com arrowenergyauditors@gmail.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	Cell: 0 94232 06607 0 93264 13827
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2012
16	Year of commencement of energy audit of the firm	2012
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	No
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	No.
C	Details of Associated Energy Experts	
19	Number of resource persons available	3
(I)	Number . of full-time energy auditors in position with work experience of all energy auditors associated with the firm	3 Nos Energy Auditors working as full time with ARROW ENERGY AUDITORS PVT.LTD Mr. Mukund A. Toke EA 0003 B.E. (Electrical) M.Tech. (Control Systems) 30 year of experience in Energy Auditing. Implementation of the energy conservation measures in Industries, Sector Expertise: Cement, , Iron & Steel,

		<p>Chemical, Commercial Buildings, Textile, Transport, Pulp & Paper</p> <p>Mr. Manik Pawar EA3008 B.E.(Electronics) 24 years of Experience in Energy Auditing, Energy Conservation Projects, Expertise in Energy Conservation by Electronic Automation for Industries. Sector Expertise: Commercial Buildings, Iron & Steel, Chemical, Textile, Transport, Pulp & Paper.</p> <p>Mr. Ganesh P. Bharambe EA2848 B.E.(Mech). 28 years of Experience in Industries as Maintenance Team Leader, Energy Auditing, Implementation of the energy conservation measures in Industries, Sector Expertise: Sugar, Fertilizer, Petro Chemicals, Engg. Industries, Iron & Steel, Chemical, Commercial Buildings, Pulp & Paper</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.	14												
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	Sugar, Iron & Steel, Cement, Commercial Building & Establishments, Chemical												
22	Subject wise expertise	<table border="0"> <tr> <td>Motors and VFD</td> <td>Boilers</td> </tr> <tr> <td>Water Pumps</td> <td>Furnaces</td> </tr> <tr> <td>Fan & Blowers</td> <td>Steam Systems</td> </tr> <tr> <td>Heat Exchangers</td> <td>Cooling Towers</td> </tr> <tr> <td>HVAC</td> <td>Renewable Energy</td> </tr> <tr> <td>Lighting</td> <td></td> </tr> </table>	Motors and VFD	Boilers	Water Pumps	Furnaces	Fan & Blowers	Steam Systems	Heat Exchangers	Cooling Towers	HVAC	Renewable Energy	Lighting	
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Water Pumps	Furnaces													
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Heat Exchangers	Cooling Towers													
HVAC	Renewable Energy													
Lighting														
(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	Sugar Cement Iron & Steel Commercial Buildings Engineering Industries Chemical												
(b)	Energy audit thermal utility system (list sectors)	Sugar Cement Iron & Steel												

		Commercial Buildings Engineering Industries Chemical
(c)	Energy audit electrical utility system (list sectors)	Sugar Cement Iron & Steel Commercial Buildings Engineering Industries Chemical
23	Instruments available	
	(a) Electrical (list the name of the instruments)	1. Power Quality Analyser 3 Phase (Hioki) 2. Lux Meter (Metrvi) 3. Digital Clamp on Type Power Meter (MECO) 4. Digital Clamp On Electrical Meter (Mastec) 5. Power Quality Anayser 1 Phase (Mastech)
	(b) Thermal (list the name of the instruments)	1. Flue Gas Analyser(Testo) 2. Digital Non Contact Pyrometer Testo) 3.
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Training programmes in energy conservation both in India and abroad. Under PAT Scheme. Regular coaching classes for EM/EA Examination, totalling about 150
(ii)		
(iii)		

D	Remarks(if any)

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