


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

Serial Number (AEA - 0083)		As on :- 26 February, 2013	
A.			
1	Name of accredited energy auditor	Makarand Shenwai	 Photograph of the energy auditor
2	Father's name	Mohan Shenwai	
3	Date of certification as Energy Manager	4 th September 2008	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	4 th September 2008	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-8549	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-8549	
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	SEE Tech Solutions Pvt. Ltd. Nagpur	
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. Milind Rajendra Chittawar, Managing Director, M/S SEE Tech Solutions Pvt. Ltd. Lets Conserve, 11/5 , M. I. D. C. Info tech Park , Near V. R. C. E. Telephone Exchange, South Ambazari Road, Nagpur-440022 Telephone- (0712) 2222177 Mobile- 09422145534 Fax- (0712) 2225293 Email- chittawar@sify.com
12	Professional postal address with Pin Code of the accredited energy auditor	M/S SEE Tech Solutions Pvt. Ltd. Lets Conserve, 11/5 , M. I. D. C. Info tech Park , Near V. R. C. E. Telephone Exchange, South Ambazari Road, Nagpur-440022
13	E-mail address	mms1974@rediffmail.com chittawar@sify.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	(R) 0712- 2288646 (O) 0712-2222177 (M) 09970835204
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	26-Feb-1999 (Earlier SEE Consultants since 1993)
16	Year of commencement of energy audit of the firm	1993
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	Nil
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	Nil
C	Details of Associated Energy Experts	
19	Number of resource persons available	6

<p>20</p>	<p>I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm</p>	<p>6 Nos. of Energy Auditors working as a full time with SEE – Tech Solutions Pvt. Ltd.</p> <p>The Contact Address for all the Energy Auditors is as follows</p> <p>M/S SEE Tech Solutions Pvt. Ltd. Lets Conserve, 11/5 , M. I. D. C. Info tech Park , Near V. R. C. E. Telephone Exchange, South Ambazari Road, Nagpur-440022</p> <ol style="list-style-type: none"> 1. Mr. Milind Chittawar – 18 years of Experience in Energy Auditing, Performance contracting, Energy Conservation, Energy Audit, Implementation of the energy conservation measures in Industries & Commercial establishment, Development of innovative software application for Energy Conservation, Plant Safety Studies, CDM etc , Sectors Expertise: Iron & Steel, Chemical, Thermal Power plant, Railways & Building 2. Mr. Rakesh Gupta – 20 years of experience in industry out of which 7 years of experience in energy auditing, Energy Conservation, Energy Audit, Implementation of the energy conservation measures in Industries & Commercial establishment, , Plant Safety Studies etc Sectors Expertise: Iron & Steel, Chemical, Petro-chemicals etc. 3. Mrs. Bhavana Chittawar – 18 years of Experience in Energy Auditing Energy Conservation, Energy Audit, Implementation of the energy conservation measures in Industries & Commercial establishment, , Plant Safety Studies etc Sectors Expertise: Thermal Power plant, Engineering, Plastic & Buildings 4. Mr. Makarand Shenwai – Total 11 years of experience out f which 3 years of experience in Energy Auditing. Electrical & Thermal Energy Conservation, Implementation of Energy Conservation projects in Industries, Commercial establishments, etc
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	<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>1. Dr. M. G. Gharpure - Over 25 years of experience in Energy Auditing and implementing Energy Conservation Measures in Textile, Chemical, TPP, Buildings & Petroleum and Petro-Chemical, Cement Sector Sectors Expertise: Chemical, Paper & Pulp, Cement, Building, Thermal power plant, Textile, etc.</p> <p>2 Mr. R. U. Deshpande: Over 17 years of experience in Energy Auditing and implementing Energy Conservation Measures in Chemical, Textile & other Sectors Sectors Expertise: Chemical, Paper & Pulp, Building, Textile, Chemical, Chlor Alkali, etc.</p> <p>3 Mr. Shrish Deshpande: Over 17 years of experience in Energy Auditing and implementing Energy Conservation Measures</p>

		<p>in Building, Chemical and Textile Sector Sectors Expertise: Chemical, Paper & Pulp, Building, Chemical etc.</p> <p>4. Mr. Rakesh Desai: Over 10 years of experience in Energy Auditing and implementing Energy Conservation Measures in Chemical, Building, Iron and Steel Sector Sectors Expertise: Chemical, Building, Iron & Steel etc.</p> <p>5. Ms. Monika Chaudhary: Over 5 years of experience in Energy Auditing in Chemical, Building, Iron and Steel Sector, Ceramic, TPP & Aluminum Sector Sectors Expertise: Chemical, Iron & Steel , Ceramic Industry, Thermal Power plant , Aluminium etc</p>
21	Sectors in which the energy auditor has conducted energy audits since inception	<p>Covers almost all the sectors of the industries like</p> <ol style="list-style-type: none"> Thermal Power plant, Iron and Steel, Cement, Textile, Aluminium, Railways, Pulp and Paper Other includes Ceramic, Plastic, brass, Foundry, Metallurgy, Pharmaceutical, Food, Chemical, Automobile, Petroleum etc. Municipal Pumping, street lighting & Building <p>However detail experience is mentioned in the capability statement attached with this form</p>
22	Subject wise expertise	
(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"> Foundry Forging Heat Treatment Refrigeration and Air Conditioning Instrumentation and Measurement Steam distribution

(b)	Energy audit thermal utility system (list sectors)	<ul style="list-style-type: none"> a) Boiler b) Thermic Fluid Heater c) Chiller d) Driers e) Evaporators f) Furnace g) Reactor h) Steam Distributor
(c)	Energy audit electrical utility system (list sectors)	<ul style="list-style-type: none"> a) Motors b) Compressors c) Pumps d) Industrial Fans e) Refrigeration & Air Conditioning f) Cooling Tower g) Lighting h) DG Set i) Transformers
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> a) Load manager (ALM 10), b) 3 Phase Data Logger (4 Nos.), c) Clamp meter, d) Lux meter, e) Insulation tester, f) Nanovip Energy Meter, g) Ultrasonic Flow Meter, h) Tachometer, i) Ultrasonic Flow Meter
	(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> a) Orsat apparatus b) RTD based temperature sensor (0 –1200^oC) c) RTD based temperature sensor (0 –400^oC) d) Thermocouple based temperature Indicator e) Anemometer f) Sound level meter g) Stethoscope h) Digital Flue Gas Analyzer i) Thermal Imager
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	
(i)		
(ii)	Conducted 2 Days training program on “Demonstration of Energy conservation by knowledge Based software (SEE – UtiSave and SEE – ThermiSave) along with practical demonstration on furnaces at REEC, Nagpur” on 17 th and 18 th April 2010 at Nagpur	
(iii)	Conducted 2 Days training program on “Demonstration of Energy conservation by knowledge Based software (SEE – UtiSave and SEE – ThermiSave) along with practical demonstration	

	on furnaces at REEC, Nagpur” on 19 th and 20 th June 2010 at Nagpur
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D	Remarks(if any)

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