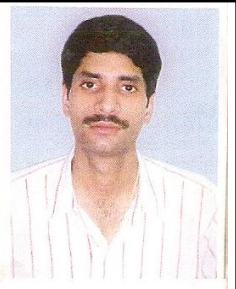


FORM IV
(Refer regulation 7(2))
Bureau of Energy Efficiency
REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED
ENERGY AUDITORS

Serial Number (AEA- 0018)		As on :- 26 February, 2013	
A. Accreditation information in respect of accredited energy auditor			
1	Name of accredited energy auditor	Rakesh Yecho	 Photograph of the energy auditor
2	Father's name	Sh. S. J. Yecho	
3	Date of certification as Energy Auditor	2004	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Energy Auditor Exam qualified in 2004	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Certified Energy Auditor EA0592	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"		
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	Technical & Management Consultancy Center (TMCC)	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Proprietorship	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Rakesh Yecho CEO Technical & Management Consultancy Center (TMCC), 5135, Second Floor, MHC, Manimajra, Chandigarh, Pin 160101 Mobile – 9417805135 Email – yechorakesh@yahoo.com
12	Professional postal address with Pin Code of the accredited energy auditor	Technical & Management Consultancy Center (TMCC) 5135, 2nd Floor, NHC, Manimajra, Chandigarh- 160101 Mobile – 9417805135 Email – yechorakesh@yahoo.com
13	E-mail address	yechorakesh@yahoo.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	0172-2730135 (R) +91-94178-05135 (O) +91-94178-05135 (M)
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	Dec-2007
16	Year of commencement of energy audit of the firm	Dec-2007
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<ul style="list-style-type: none"> • Empanelled by PCRA for undertaking Energy Audits & related activities • Empanelled with EESL under the PAT scheme • Recently Empanelled with the Deutsche Gesellschaft Fuer Internationale Zusammenarbeit (GIZ) GmbH for undertaking Energy Efficiency Studies (Energy Audits) of MSMEs short-listed for Pilot in Energy Efficiency Finance with State Bank of India in Light Engineering Clusters at Ludhiana and Steel Re-rolling Mills at Mandi Gobindgarh.

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	
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>Certified Energy Auditors</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rakesh Yecho (EA0592), B, MBA, SCO-324, Second Floor, Cabin-203, Sector-9, Panchkula (Haryana) – 134 109, Mobile – 9417805135 <p>Experience: 22 Years out of which 20 years are in Energy Auditing</p> <p><u>Sectors Audited:</u> Iron & Steel, Fertilizer, Chlor Alkali, Cement, Textiles, Pulp & Paper, Sugar, Oil & Gas, Engineering Industries, Commercial Buildings, Agro & Food</p> <ul style="list-style-type: none"> <input type="checkbox"/> Gurdeep Singh (EA-447), BE, SCO-324, Second Floor, Cabin-203, Sector-9, Panchkula (Haryana) – 134 109, Mobile –9815684433 <p>Experience: Having 29 years of experience in Plant Operations & Maintenance in Fertilizer and Chlor Alkali Industry. Four Years in Energy Auditing</p> <p><u>Sectors Audited</u></p> <ul style="list-style-type: none"> • Iron & Steel, Fertilizer, Chlor Alkali, Textiles, Engineering Industries, Commercial Buildings
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	<ul style="list-style-type: none"> <input type="checkbox"/> R. R. Garg (EA8546), BE <p>Experience: 40 Years out of which 6 years are in Energy Auditing</p>

		<p>Sectors Audited: Chlor Alkali, Textiles, Pulp & Paper, Sugar, Engineering Industries, Commercial Buildings</p> <p><input type="checkbox"/> Anurag Jain (EA6901), BE Experience: 8 Years out of which 4 years are in Energy Auditing</p> <p>Sectors Audited: Power Plants, Milk, Sugar, Engineering Industries, Commercial Buildings</p> <p><input type="checkbox"/> Dushyant Sengar (EA6756) Experience: 6 Years out of which 2 years are in Energy Auditing</p> <p>Sectors Audited: Engineering Industries, Commercial Buildings</p>
21	Sectors in which the energy auditor has conducted energy audits since inception	<p>Energy Intensive Industries</p> <ul style="list-style-type: none"> <input type="checkbox"/> Iron & Steel <input type="checkbox"/> Fertilizer <input type="checkbox"/> Chlor Alkali <input type="checkbox"/> Cement <input type="checkbox"/> Textiles <input type="checkbox"/> Pulp & Paper <p>Other Industries</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sugar <input type="checkbox"/> Oil & Gas <input type="checkbox"/> Engineering Industries <input type="checkbox"/> Commercial Buildings <input type="checkbox"/> Agro & Food
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	Nil

(b)	Energy audit thermal utility system (list sectors)	<input type="checkbox"/> Fluidized Bed Combustion (FBC) <input type="checkbox"/> Fuels & Combustion Systems <input type="checkbox"/> Boiler Operations <input type="checkbox"/> Steam Distribution & Utilization <input type="checkbox"/> Furnace Operation <input type="checkbox"/> Insulation & Refractories <input type="checkbox"/> Co-generation <input type="checkbox"/> Waste Heat Recovery Systems	
(c)	Energy audit electrical utility system (list sectors)	<input type="checkbox"/> Electrical Systems <input type="checkbox"/> Electrical Motors <input type="checkbox"/> Compressed Air Systems <input type="checkbox"/> HVAC & Refrigeration System <input type="checkbox"/> Fans & Blowers <input type="checkbox"/> Pumps & Pumping Systems <input type="checkbox"/> Cooling Towers <input type="checkbox"/> Lighting Systems <input type="checkbox"/> DG Sets	
23	Instruments available		
(a) Electrical (list the name of the instruments)			
	Name of the Instrument	Make/Model	Technical Specifications/ Range of Measurement
	<input type="checkbox"/> Three Phase Power Analyzer	Krykard ALM 30	Flexible Usage with appropriate CT's and PT's
	<input type="checkbox"/> Single Phase Power Analyzer	Krykard ALM 8	Flexible Usage with appropriate CT's and PT's
	<input type="checkbox"/> Lux Meter	TES 1332	200, 2000, 20000 & 2000000 Lux
	<input type="checkbox"/> Insulation Tester	Motwane D 266	2000 Mohm
	<input type="checkbox"/> Tachometer		
(b) Thermal (list the name of the instruments)			
	<input type="checkbox"/> Anemometer	ExTech 45118	0.5 to 89 MPH

	<input type="checkbox"/> Flue gas analyzer with appropriate probes	Kane International / KM-900	Flue gas temperature: 0 to 600°C Oxygen: 0 to 21% Carbon Monoxide: 0 to 4000 ppm Carbon Dioxide: 0 to 99.9%
	<input type="checkbox"/> Hygrometer	AZ 8705	
	<input type="checkbox"/> Infrared Thermometers	Kane International / KM-2000	600-2000°C
	<input type="checkbox"/> Digital Pressure Meter with S Type Pitot Tube	Comark, UK C 9553	0 to 140 psi
	<input type="checkbox"/> Surface Temperature Indicator with appropriate Probe	Chy 501 K	-50 to 1300° C
	<input type="checkbox"/> Ultrasonic Flow meter	Micronics/ Portaflow SE	Velocity Range: 0.3 to 12 m/s
	<input type="checkbox"/> Ultrasonic Leak Detector	Lutron/GS-5800	Temp: 0 to 50°C Response: 20 KHz to 100 KHz
	<input type="checkbox"/> Sound Level Meter	Tenmars TM 101	LO 30-80 db; Med 50-100 db; Hi 80-130 db

24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	<ul style="list-style-type: none"> ❑ Workshop on Energy Conservation on Refrigeration & VAM operation at Heinz India (P) Ltd., Aligarh ❑ Workshop on Energy Conservation on HVAC & Lighting Systems at MTNL Pusa Road, New Delhi ❑ Workshop on Energy Conservation on Compressed Air System & Motive Load at SSIPL Retail Ltd., Sonapat ❑ Workshop on Energy Conservation on Pumping & Lighting Systems at Jamnagar – Loni LPG Pipeline of GAIL (I) Ltd. – IPS Mansarampura ❑ Workshop on Energy Conservation on Co-generation & Motive Load at J.K. Cement, Gotan ❑ Workshop on Energy Conservation on Lighting & HVAC Systems at Babu Bhawan and Shastri Bhawan, Lucknow
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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.)