

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

Serial Number: (AEA-279)		As on: (09/05/2018)	
A.			
1	Name of accredited energy auditor	Mahesh S Kotian (Mahesh Kumar)	Photograph of the energy auditor
2	Father's name	K Sheenappa	
3	Date of certification as Energy Manager	24th February 2009	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	23-Nov -2008	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA- 4821 EA-4821	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	5822	
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	INELEC ENGINEERS www.inelecindia.co.in	
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)	<p>Mahesh S Kotian General Manager (Energy Services) Inelec Engineers, # 2311, 21st Cross Rd, Banashankari Stage II, BANGALORE Karnataka -560070 www.inelecindia.co.in Ph: 080-26763489 Mobile -7353590989,9845705858 Email: inelecindia@gmail.com maheshskotian62@gmail.com</p>
12	Professional postal address with Pin Code of the accredited energy auditor	<p>Mahesh S Kotian Certified Energy Auditor Opp; Durgi gudi co op society Park Extension.Shimoga:577201 Karnataka</p>
13	E-mail address	maheshskotian62@gmail.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	<p>9449968170 080-26763489 7353590989,9845705858</p>
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1997
16	Year of commencement of energy audit of the firm	2010
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	ISO 9000
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	4													
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>TWO Auditors</p> <table border="1" data-bbox="803 373 1388 1098"> <tr> <td data-bbox="803 373 1010 457">Name& Designation</td> <td data-bbox="1010 373 1388 457">Mahesh S Kotian (self)</td> </tr> <tr> <td data-bbox="803 457 1010 590">Qualifications</td> <td data-bbox="1010 457 1388 590">B.Tech Elec GDMM, EA-4821</td> </tr> <tr> <td data-bbox="803 590 1010 709">Experience</td> <td data-bbox="1010 590 1388 709">24 years in paper industry and 8 yrs in Energy Management and Audits</td> </tr> <tr> <td data-bbox="803 709 1010 821">Name& Designation</td> <td data-bbox="1010 709 1388 821">Narendra Kumar Vasista</td> </tr> <tr> <td data-bbox="803 821 1010 940">Qualifications</td> <td data-bbox="1010 821 1388 940">BE Elec</td> </tr> <tr> <td data-bbox="803 940 1010 1098">Experience</td> <td data-bbox="1010 940 1388 1098">32 yrs in Manufacturing /Markating//trading Electrical components/ Power factor compensation units, Power Audits etc</td> </tr> </table>		Name& Designation	Mahesh S Kotian (self)	Qualifications	B.Tech Elec GDMM, EA-4821	Experience	24 years in paper industry and 8 yrs in Energy Management and Audits	Name& Designation	Narendra Kumar Vasista	Qualifications	BE Elec	Experience	32 yrs in Manufacturing /Markating//trading Electrical components/ Power factor compensation units, Power Audits etc
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	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>TWO Auditors</p> <table border="1" data-bbox="803 1234 1388 1835"> <tr> <td data-bbox="803 1234 1010 1318">Name& Designation</td> <td data-bbox="1010 1234 1388 1318">P.NIRANAJAN ADIGA Consultant</td> </tr> <tr> <td data-bbox="803 1318 1010 1451">Qualifications</td> <td data-bbox="1010 1318 1388 1451">BE Mech</td> </tr> <tr> <td data-bbox="803 1451 1010 1570">Experience</td> <td data-bbox="1010 1451 1388 1570">20 years in paper industry and 10 yrs in Thermal power plant Projects, Design & operation</td> </tr> <tr> <td data-bbox="803 1570 1010 1682">Name& Designation</td> <td data-bbox="1010 1570 1388 1682">U.Nagendra Rao</td> </tr> <tr> <td data-bbox="803 1682 1010 1835">Qualifications</td> <td data-bbox="1010 1682 1388 1835">BE (Mech), PG dip MKt,Dip Chem & Inst,PG dip FM. Certified Energy auditor EA-15134</td> </tr> </table>		Name& Designation	P.NIRANAJAN ADIGA Consultant	Qualifications	BE Mech	Experience	20 years in paper industry and 10 yrs in Thermal power plant Projects, Design & operation	Name& Designation	U.Nagendra Rao	Qualifications	BE (Mech), PG dip MKt,Dip Chem & Inst,PG dip FM. Certified Energy auditor EA-15134		
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21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception	<table border="1"> <tr><td>Pulp & Paper</td></tr> <tr><td>Cement</td></tr> <tr><td>Textile</td></tr> <tr><td>Thermal power plants</td></tr> <tr><td>Buildings</td></tr> </table>	Pulp & Paper	Cement	Textile	Thermal power plants	Buildings
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Cement							
Textile							
Thermal power plants							
Buildings							
22	Subject wise expertise	Thermal/Electrical/General					
(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)	Cement/Pulp and Paper/TPP					
(c)	Energy audit electrical utility system (list sectors)	Buildings/Cement/Pulp and paper/Discoms					
23	Instruments available	All- Total 15 instruments (important ones listed below)					
	(a) Electrical (list the name of the instruments)	POWER QUALITY ANALYSER- PORTABLE LOAD MANAGER-ALM 20/35/10 Thermal Imager- FLIR LIGHT INTENSITY METER-Testo540 U/S Leak detector U/S Flow meter Siemens&eassy flow					
	(b) Thermal (list the name of the instruments)	DIGITAL MANOMETER-LUTRON - PM 9100 FLUE GAS ANALYZER-KANE 900Plus Pitot Tube S & L type TDS meter-EUTECH THERMOANEMOMETER-Lutron					

<p>24 (i)</p>	<p>Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit</p>	<ul style="list-style-type: none"> • Energy Audit & Conservation in JK PM Raigada Nov-2015 • Energy Audit in India Cement December – 2015 • Energy Audit in International Paper March – 2016 <p>Presented a paper on “Improving the Productivity of paper Mills using Thermal Imagers “ at IPPTA Zonal Seminar at Chennai .March 2013</p>
<p>(ii)</p>	<p><u>International training undergone (Japan)</u></p> <ul style="list-style-type: none"> • JICA training for 1 month at Japan : Aug 21 2010 to sept 26 2010. • Visited and had interactions with following industries and plantsto study various techniques for Energy conservations (Thermal/electrical) and Condition Diagnostics <p><u>List of Japanese industries visited</u> TOTO Kokura Plant(SME),Yaskawa Electric Corporation(Mfrs of VFDs),Panasonic Electric works Kyoto(EE Lights),Yasojima Proceed Co ltd. Kobe(SME),Final Gate .Kobe (Esco),Corrocoat Japan Ltd .kokogawa(Recondition of Pumps and PortableFlow Meter mfr).TLV International (Steam system accessories),Nippon Steel corporation (tribology & condition) Tobota Thermal Power plant.Kitakishu.Nissan Motors (Automobile)Nippon Coke & Engineering (Coke).Kitakyshu International Techno- Cooperative Association (Training)</p>	
<p>(iii)</p>	<p><u>International training undergone (Germany)</u></p> <p>Energy Efficiency Exposure tour sponsored by GIZ from Nov 27-Dec3rd 2011. Visited 9 locations of successfully implemented energy efficiency projects on CHP, Renewable energy etc.</p> <p><u>List of Companies visited</u> Cogeneration / CHP units - engineering and operation of cogeneration plants (KW range)</p> <ul style="list-style-type: none"> ♣ CHP unit at Printers in Dusseldorf - ESCOs project cogeneration (MW range) ♣ Electricity generation / cogeneration from Biogas / landfill gas / Coal Bed Methane at Green Gas - project developer and financier designing projects ♣ Energy conservation and performance contracting at Hochtief - energy management ♣ ESCO and power at RWE - power and heat generation, energy services ♣ Large scale cogeneration and district heating facilities at STEAG - power and heat generation, energy services ♣ Energy management application of systems and technologies at Energy Agency North Rhine Westphalia ♣ Energy management and central data acquisition and control & load management 	

	in manufacturing e.g. from Berg Energiekontrollsysteme - provider of energy management solutions
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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.)