

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

Serial Number (AEA- 0147)		As on- (26/11/2013)
A.		
1	Name of energy auditor	Jayakrishnan P. Nair
2	Father's name	A.K. Prabhakaran
3	Date of certification as Energy Manager (or Energy Auditor, pl specify)	2 nd Nov. 2006 (Energy Auditor)
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2 nd Nov. 2006
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-0252
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	(Not to be submitted at this stage)
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	Grant Thornton Bharat LLP
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)
10	Type of firm/ private/ Government / NGO etc.	Limited Liability Partnership

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Amit Kumar Partner L-41, Connaught Circus, Outer Circle, New Delhi-110001, India +91 124 462 8000 Mobile: +91 9899452400 Email: amit.kumar7@in.gt.com																					
12	Professional postal address with Pin Code of the accredited energy auditor	L-41, Connaught Circus, Outer Circle, New Delhi-110001, India																					
13	E-mail address	jayakrishnan.nair@in.gt.com																					
14	Telephone numbers. with STD Code	+91 11 4952 7499 Mobile: +91 9910082154																					
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2000																					
16	Year of commencement of energy audit of the firm	2023																					
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)	<p>Office Location:</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Office Location</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Delhi</td> <td>L – 41 Connaught Circus, Outer Circle, New Delhi – 110 001</td> </tr> <tr> <td>2</td> <td>Dehradun</td> <td>Suite No 2211, 2nd Floor, Building 2000, Michigan Avenue, Doon Express Business Park, Subhash Nagar, Dehradun - 248002</td> </tr> <tr> <td>3</td> <td>Aerocity</td> <td>6th floor, Worldmark 2, Aerocity, New Delhi - 110037</td> </tr> <tr> <td>4</td> <td>Gurgaon</td> <td>21st Floor, DLF Square, Jacaranda Marg, DLF Phase – II Gurgaon – 122 002</td> </tr> <tr> <td>5</td> <td>Bengaluru</td> <td>5th Floor, 65/2, Block A, Bagmane Tridib, Bagmane Tech Park, C V Raman Nagar, Bengaluru – 560 093</td> </tr> <tr> <td>6</td> <td>Hyderabad</td> <td>Floor No. 10, Unit No -1 Plot No -30/A Survey no - 83/1, My Home Twitza, Raidurg Panmaktha Village, APIIC, Hyderabad Knowledge City, Hyderabad, Rangareddy, Telangana, 500081</td> </tr> </tbody> </table>	S.No.	Office Location	Address	1	Delhi	L – 41 Connaught Circus, Outer Circle, New Delhi – 110 001	2	Dehradun	Suite No 2211, 2nd Floor, Building 2000, Michigan Avenue, Doon Express Business Park, Subhash Nagar, Dehradun - 248002	3	Aerocity	6th floor, Worldmark 2, Aerocity, New Delhi - 110037	4	Gurgaon	21 st Floor, DLF Square, Jacaranda Marg, DLF Phase – II Gurgaon – 122 002	5	Bengaluru	5 th Floor, 65/2, Block A, Bagmane Tridib, Bagmane Tech Park, C V Raman Nagar, Bengaluru – 560 093	6	Hyderabad	Floor No. 10, Unit No -1 Plot No -30/A Survey no - 83/1, My Home Twitza, Raidurg Panmaktha Village, APIIC, Hyderabad Knowledge City, Hyderabad, Rangareddy, Telangana, 500081
S.No.	Office Location	Address																					
1	Delhi	L – 41 Connaught Circus, Outer Circle, New Delhi – 110 001																					
2	Dehradun	Suite No 2211, 2nd Floor, Building 2000, Michigan Avenue, Doon Express Business Park, Subhash Nagar, Dehradun - 248002																					
3	Aerocity	6th floor, Worldmark 2, Aerocity, New Delhi - 110037																					
4	Gurgaon	21 st Floor, DLF Square, Jacaranda Marg, DLF Phase – II Gurgaon – 122 002																					
5	Bengaluru	5 th Floor, 65/2, Block A, Bagmane Tridib, Bagmane Tech Park, C V Raman Nagar, Bengaluru – 560 093																					
6	Hyderabad	Floor No. 10, Unit No -1 Plot No -30/A Survey no - 83/1, My Home Twitza, Raidurg Panmaktha Village, APIIC, Hyderabad Knowledge City, Hyderabad, Rangareddy, Telangana, 500081																					

7	Kolkata	10 C, Hungerford Street, 5 th Floor, Kolkata – 700 017
8	Mumbai	11th Floor, Tower II, One International Center, Elphinstone Road , SB Marg Prabhadevi (W), Mumbai - 400013
9	Mumbai	Kaledonia, 1st Floor, C Wing, (Opposite J&J Office), Sahar Road, Andheri East, Mumbai - 400 069
10	Pune	401, Century Arcade, Narangi Baug Road, Off Boat Club Road, Pune 411 001
11	Noida	Plot No 19A, 2nd Floor, Sector - 16A, Noida - 201301
12	Chennai	Prestige Polygon, 471, Anna Salai, Teynampet, Chennai - 600018
13	Chandigarh	B 406A, 4 th Floor L&T Elante Office Building, Industrial Area Phase – I, Chandigarh – 160 002
14	Kochi	6th Floor, Modayil Centre Point, Warriam Road Junction, M.G Road, Kochi – 682 016
15	Goa	Y-4, 5th Floor, Jairam Complex, Building A, Mala-Neugi Nagar, Panaji, Goa 403 001, India
16	Indore	AB road – Rao Pitampura, Indore, Madhya Pradesh.

Details of Associated Energy Experts						
19	Number of resource persons available	10 (AEA+CEA)				
(I)	Number of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>Name of Resource Person 1: Mr. Manoj Kumar Bansal Energy Audit Registration No.: AEA – 0082 Years of Experience: 25 Years</p> <table border="1"> <thead> <tr> <th>Energy Auditor Sectors</th><th>Contact Details</th></tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> • Power Plants • Iron & Steel • Pulp & Paper • Cement • Petrochemicals • Pharmaceuticals • Textiles • Automobiles • Engineering • Commercial Buildings • Municipalities </td><td> Grant Thornton Bharat LLP, Partner, Climate Change and Energy Direct: +91 124 462 8000 Mobile: +91 9910154500 Email: manoj.bansal@in.gt.com L-41, Connaught Circus, Outer Circle, New Delhi-110001, India </td></tr> </tbody> </table>	Energy Auditor Sectors	Contact Details	<ul style="list-style-type: none"> • Power Plants • Iron & Steel • Pulp & Paper • Cement • Petrochemicals • Pharmaceuticals • Textiles • Automobiles • Engineering • Commercial Buildings • Municipalities 	Grant Thornton Bharat LLP, Partner, Climate Change and Energy Direct: +91 124 462 8000 Mobile: +91 9910154500 Email: manoj.bansal@in.gt.com L-41, Connaught Circus, Outer Circle, New Delhi-110001, India
Energy Auditor Sectors	Contact Details					
<ul style="list-style-type: none"> • Power Plants • Iron & Steel • Pulp & Paper • Cement • Petrochemicals • Pharmaceuticals • Textiles • Automobiles • Engineering • Commercial Buildings • Municipalities 	Grant Thornton Bharat LLP, Partner, Climate Change and Energy Direct: +91 124 462 8000 Mobile: +91 9910154500 Email: manoj.bansal@in.gt.com L-41, Connaught Circus, Outer Circle, New Delhi-110001, India					

<ul style="list-style-type: none"> • MSME 	
--	--

- MSME

Brief Description:

Manoj is working as a Partner in the Climate Change and Energy division of Grant Thornton Bharat LLP, India since Sept, 2023. He has more than 25 years of experience in the field of energy efficiency / energy conservation in various sectors of the economy. He has expertise in various segments of energy efficiency like energy audits, demand side management, preparation of feasibility studies and detailed project reports, demonstration of pilot projects, training and capacity building. He has executed many projects for agencies like Bureau of Energy Efficiency (BEE), the Asian Development Bank, the World Bank, BHC, GIZ, IREDA, PCRA, MoEF, DST, CPCB, PPCB, ClimateWorks, various State governments and corporate clients. He has carried out many energy audits including audits of designated consumers like Bihar Caustic & chemicals Limited, NTPC Power plants, BSL Processing Limited, Anant Syntex Limited.

Name of Resource Person 2: Mr. Kulbhushan Kumar
Energy Audit Registration No.: AEA – 0098

Years of Experience: 25 Years

Energy Auditor Sectors	Contact Details
<ul style="list-style-type: none"> • Textile • Power Plant • Chemical • Paper • Engineering • Cement • Aluminium • Chloro-alkali • Petrochemical 	Grant Thornton Bharat LLP, Partner, Climate Change and Energy Direct: +91 11 4278 7070 Mobile: +91 9711091007 Email: kulbhushan.kumar@in.gt.com Grant Thornton Bharat LLP, L-41, Connaught Circus, Outer Circle, New Delhi- 110001, India

Brief Description:

Kulbhushan Kumar has more than 25 years of experience in energy efficiency area and is working as Partner at Grtn Thornton Bharat LLP, India. He performed as team leader for large number of energy audit studies covering a wide range of industrial units and commercial buildings including hotels and hospitals in India. Kulbhushan has worked with many bilateral and multilateral agencies on energy management and renewable energy assignments. He has experience in analysing feasibility studies, Bid Process Management,

Financial Modelling, Development of Business Models, demand assessment and other aspects of consulting Industry.

Name of Resource Person 3: Jayakrishnan P. Nair

Energy Audit Registration No.: AEA –

Years of Experience: 25 Years

Energy Auditor Sectors	Contact Details
<ul style="list-style-type: none"> • Iron & Steel • Foundry • Fertilizers • Chemicals • Pharmaceuticals • Textiles • Railways • Petroleum • Engineering • Telecommunication/Data Centers • Commercial Buildings 	Grant Thornton Bharat LLP, Associate Director, Climate Change and Energy Direct: +91 11 4952 7499 Mobile: +91 9910082154 Email: jayakrishnan.nair@in.gt.com Grant Thornton Bharat LLP, L-41, Connaught Circus, Outer Circle, New Delhi-110001, India

Brief Description:

Jayakrishnan P Nair has more than 25 years of experience in energy efficiency area and he is Presently working with Grant Thornton Bharat LLP as an Associate Director in the Climate change and energy division of the firm. Among other assignments, conducted Baseline energy audits for 09 Designated Consumers in the Textile Sector, under the PAT scheme.

Name of Resource Person 4: Mr. Pradeep Singhvi

Energy Audit Registration No.: CEA –

Years of Experience: 16 Years

Energy Auditor Sectors	Contact Details
<ul style="list-style-type: none"> • Iron and Steel • Buildings 	Grant Thornton Bharat LLP, Executive Director, Climate Change and Energy Direct: +91 124 462 8000 Mobile: +91 9560600710 Email: pradeep.singhvi@in.gt.com Grant Thornton Bharat LLP, L-41, Connaught Circus, Outer Circle, New Delhi-110001, India

Brief Description:

Pradeep has more than 16+ years of experience in energy efficiency area and he is Presently working with Grant Thornton Bharat as an Executive Director in the

		<p>Climate change and energy division of the firm. He have expertise in energy audits, demand side management and preparation of feasibility studies He worked with Ispat steel industries as a Engineer. As a part of the energy management team he was involved in conducting energy audit of steel plant.</p> <p>List of the other key AEA and CEA</p> <table border="1"> <thead> <tr> <th>Name</th><th>Certificate</th><th>Experience</th></tr> </thead> <tbody> <tr> <td>Satish Kumar S</td><td>AEA</td><td>13+</td></tr> <tr> <td>E Nand Gopal</td><td>CEA</td><td>12+</td></tr> <tr> <td>Sabreen Ahmed</td><td>CEA</td><td>13+</td></tr> <tr> <td>Amit Seth</td><td>CEA</td><td>13+</td></tr> <tr> <td>Nilay Srivastava</td><td>CEA</td><td>10+</td></tr> </tbody> </table>	Name	Certificate	Experience	Satish Kumar S	AEA	13+	E Nand Gopal	CEA	12+	Sabreen Ahmed	CEA	13+	Amit Seth	CEA	13+	Nilay Srivastava	CEA	10+
Name	Certificate	Experience																		
Satish Kumar S	AEA	13+																		
E Nand Gopal	CEA	12+																		
Sabreen Ahmed	CEA	13+																		
Amit Seth	CEA	13+																		
Nilay Srivastava	CEA	10+																		
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.	NA																		
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	<p>Sector:</p> <p>Textile</p> <p>Iron and Steel</p> <p>Aluminium</p> <p>Cement</p> <p>Petrochemical</p> <p>Fertilizer</p> <p>Pulp and Paper</p> <p>Buildings</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	Nil																		
(b)	Energy audit thermal utility system (list sectors)	<ul style="list-style-type: none"> • Iron & Steel • Foundry • Fertilizers • Chemicals • Pharmaceuticals • Textiles 																		

		<ul style="list-style-type: none"> • Railways • Petroleum • Engineering • Telecommunication / Data Centers • Commercial Buildings 										
(c)	Energy audit electrical utility system (list sectors)	<ul style="list-style-type: none"> • Iron & Steel • Foundry • Fertilizers • Chemicals • Pharmaceuticals • Textiles • Railways • Petroleum • Engineering • Telecommunication / Data Centers • Commercial Buildings 										
23	Instruments available											
	(a) Electrical (list the name of the instruments)	<table border="1"> <thead> <tr> <th>Energy Audit Instrument Name</th></tr> </thead> <tbody> <tr><td>Power Quality Analyzer Kit - 1</td></tr> <tr><td>Power Quality Analyzer Kit - 2</td></tr> <tr><td>Clamp Meter</td></tr> <tr><td>Digital Lux meter</td></tr> <tr><td>Digital Multifunction Instrument</td></tr> <tr><td>Differential Pressure Meter</td></tr> <tr><td>Digital Manometer, 0 To 350 Mbar</td></tr> <tr><td>Temperature Data Logger (4-Channel)</td></tr> <tr><td>Portable Ultrasonic Flow Meter</td></tr> </tbody> </table>	Energy Audit Instrument Name	Power Quality Analyzer Kit - 1	Power Quality Analyzer Kit - 2	Clamp Meter	Digital Lux meter	Digital Multifunction Instrument	Differential Pressure Meter	Digital Manometer, 0 To 350 Mbar	Temperature Data Logger (4-Channel)	Portable Ultrasonic Flow Meter
Energy Audit Instrument Name												
Power Quality Analyzer Kit - 1												
Power Quality Analyzer Kit - 2												
Clamp Meter												
Digital Lux meter												
Digital Multifunction Instrument												
Differential Pressure Meter												
Digital Manometer, 0 To 350 Mbar												
Temperature Data Logger (4-Channel)												
Portable Ultrasonic Flow Meter												
	(b) Thermal (list the name of the instruments)	<table border="1"> <thead> <tr> <th>Energy Audit Instrument Name</th></tr> </thead> <tbody> <tr><td>Thermal Imaging Camera</td></tr> <tr><td>Portable Digital Hygrometer</td></tr> <tr><td>Digital Temperature Meter</td></tr> <tr><td>Infrared Thermometer</td></tr> <tr><td>Portable Ultrasonic Flow Meter</td></tr> <tr><td>Temperature Data Logger (4-Channel)</td></tr> <tr><td>Laser Distance Meter</td></tr> </tbody> </table>	Energy Audit Instrument Name	Thermal Imaging Camera	Portable Digital Hygrometer	Digital Temperature Meter	Infrared Thermometer	Portable Ultrasonic Flow Meter	Temperature Data Logger (4-Channel)	Laser Distance Meter		
Energy Audit Instrument Name												
Thermal Imaging Camera												
Portable Digital Hygrometer												
Digital Temperature Meter												
Infrared Thermometer												
Portable Ultrasonic Flow Meter												
Temperature Data Logger (4-Channel)												
Laser Distance Meter												
24	(i) Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit											
	(ii)											

D	Remarks(if any)
----------	------------------------

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

Place New Delhi

Signature:

Date:.....

Name **Jayakrishnan P. Nair**
Designation **Associate Director**