


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

Serial Number (AEA 0114)		As on (26/11/2013)	
A.			
1	Name of accredited energy auditor	Nalla Krishnudu	 <p>Photograph of the energy auditor</p>
2	Father's name	Keshava Raghu	
3	Date of certification as Energy Manager/Auditor	Energy Auditor 30 th April 2007	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	May 2004	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 1468	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 1468	
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	GIFTECH SOLUTIONS	
9	Date of accreditation as accredited energy auditor	(to be filled by BEE)	
10	Type of firm/ private/ Government / NGO etc.	Proprietary	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Nalla Krishnudu Proprietor GIFTECH SOLUTIONS Flat No. 103, Mahasai Residency, H.No. 3-73/11/12, Puppalaguda, Hyderabad – 500089
12	Professional postal address with Pin Code of the accredited energy auditor	GIFTECH SOLUTIONS Flat No. 103, Mahasai Residency, H.No. 3-73/11/12, Puppalaguda, Hyderabad – 500089
13	E-mail address	giftech@gmail.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	+ 91 40 27865373 (O) +91 9490190325
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2005
16	Year of commencement of energy audit of the firm	2005
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	05
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	02
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor's firms.	03

21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception	Pulp & Paper, Glass, Sugar, Dairy, Forging, Oil & Gas, Power plants, FMCG, Food, Pharmaceutical, Plastic.
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"> 1. Paper 2. Food 3. Sugar 4. Glass
(b)	Energy audit thermal utility system (list sectors)	<ol style="list-style-type: none"> 1. Paper 2. Sugar 3. Glass 4. Power plant 5. FMCG 6. Food 7. Plastic 8. Pharmaceutical
(c)	Energy audit electrical utility system (list sectors)	<ol style="list-style-type: none"> 1. Paper 2. Sugar 3. Glass 4. Oil & Gas 5. FMCG 6. Food 7. Plastic 8. Pharmaceutical 9. Power plants
23	Instruments available	
	(a) Electrical (list the name of the instruments)	<ol style="list-style-type: none"> 1. Three phase power analyser (Krykard – ALM – 35) 2. Clamp-on power meter (WACO – Power 9106) 3. Anemometer (Mextech)
	(b) Thermal (list the name of the instruments)	<ol style="list-style-type: none"> 1. IR thermometer(Fluke) 2. Contact type Digital thermometer (Shreeji)

		Electronics) 3. Orsat Apparatus	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	NO	
(ii)			
(iii)			

D	Remarks(if any)

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

Full time auditors' Curriculum Vitae (CV)

1. Krishnudu Nalla (EA-1468)

Date of birth : 16 June 1978

Education:

- **M.Tech.** in Energy Systems Engineering from IIT Bombay in 2003.
- **B.E.** in Mechanical Production and Industrial Engineering from S.R.K.R.E.C., Andhra University in 2000.

Certifications & Training:

- Completed IRCA certified ISO 50001:2011 lead auditor course in 2012
- Certified Energy Auditor (EA-1468)

Employment Record:

Employer : M/s. GIFTech Solutions

Position : Proprietor

Dates of Employment : 2005 onwards

Employer : M/s. GIF-TEC Solutions (Formerly Urja Consultancy Services)

Position : Partner

Dates of Employment : 2003 – 2005

Energy audit and technical experience:

Conducted over 100 Energy Audits in various industries including pulp & paper, sugar, glass, FMCG, power plants, plastic, pharmaceutical etc. As part of the Energy Audit team, executed energy audits in Tanzania, Kenya and Thailand.

Has been part of the various ECRM implementation projects in compressed air systems, pumping systems, vacuum systems etc.

Designed portable dehydration unit based on evaporative principle for dehydration of hydraulic oil.

2. Nuguri Kiran Kumar (EA-1249)

Date of birth : 12 April 1977

Education:

- **M.Tech.** in Energy Systems Engineering from JNTU, Hyderabad in 2003
- **AMIME** in Mechanical Engineering from Institution of Mechanical Engineers (India), Mumbai.

Certifications & Training:

- Certified Energy Auditor (EA-1249).
- Chartered Engineer from Institute of Engineers, Kolkata.
- Successfully completed IRCA certified ISO 50001:2011, ISO 19001:2008 Lead auditor courses.

Employment Record:

- Senior consultant at GIFTech Solution since February 2013.
- Senior Manager (Climate change & Energy Efficiency) at Shalivahana Green Energy Ltd. for 5 years.
- Senior Engineer (Energy Audit) at Grundfos Pumps India Pvt. Ltd. for 9 months.
- Consultant at APITCO Ltd., for 4 years.
- Energy Manager at Maruti Consultancy Services for 2 years.

Energy audit and technical experience:

- Carried out more than 150 Energy audits & energy Conservation Studies for various Sectors(i.e., Public& Private sectors).
- Successfully registered 14 CDM projects in UNFCCC and two VCS projects.
- Successfully Completed DSM Study for Chattisgarh State Electricity Board(CESB), Chattisgarh state.
- Carried out technical appraisals and techno-economic viability studies of various projects.
- Prepared Pre feasibility Study and Feasibility study reports of power plants with detail engineering.
- Carried out Detailed Project Report for Rural electrification Studies.

Associate Energy Auditors' Curriculum Vitae (CV)

1. Dr. Mukund Gharpure (EA-1135)

Date of birth : 24 August 1957

Education:

- **Doctorate and M.Tech.** in Chemical Engineering from IIT Bombay in 1984.

Certifications & Training:

- Certified Energy Auditor (EA-1135).

Employment Record:

Employer : M/s. Yajna Fuel Services
Position : Proprietor
Dates of Employment : 1986 onwards

Energy audit and technical experience:

He is the founder of the firm. The firm has so far carried out about 300 energy Audits in Industrial units from various sectors. It has devised a unique Demonstrated Energy Saving where customer pays through the savings.

Description of Responsibilities:

Responsible for developing Energy Audit business as commercial activity and have acted as inspiration for many Energy auditors in India. His major responsibilities are as follows-

- Standardization of the proposal making process to ensure high quality technical and commercial proposals prepared in a short time in response to customer needs.
- Conceiving various alternative cogeneration schemes that could satisfy customer needs and then to evaluate the technical and operating cost merits of each with a view to assist the customer in making an optimum selection.
- Discussion with customers on techno-commercial aspects of the technologies and making presentation to customers.

2. Ajitkumar S. Datar (EA-0729)

Date of birth : 11 April 1948

Education:

- **B.E. (Electrical)** from University of Bombay
- **AMIE (Mechanical)** from Institution of Engineers (India).
- **D.B.M.** from Pune University.

Certifications & Training:

- Member Certified Energy Auditor (EA-0729).
- Corporate Member, Institute of Engineers, Kolkata.
- Successfully completed IRCA certified ISO 19001:2008 Internal auditor course.
- Undergone Training on Energy Conservation at Philadelphia - USA under USAID Programme - conducted by Synergic Resources Corporation - USA.

Employment record:

Employer : M/s. Industrial Energy Saving Company
Position : Proprietor
Dates of Employment : 2004 onwards

- Manager Engineering Services at Glaxo India Ltd. for 8 years.
- Manager Engineering at Tata Pharma Ltd. for 3 years.
- Manager Engineering at Indian Organic Chemicals Ltd. for 1 year.
- Assistant Manager Projects at Hindustan Antibiotics Ltd. for 9 years.
- Manager Projects at Shreya Health Care for one year.

Energy audit and technical experience:

Conducted more than 120 energy audits in various sectors including food and beverages, plastic, packaging, glass, pharma, sugar, distillery, textiles etc.

Published technical papers in Electricity Conservation Quarterly and Process & Plant Engineering magazine.

Registered speaker for energy efficiency with PCRA for training programmes on energy efficiency.

3. Jayant Dunakhe (EA-0912)

Date of birth : 09 November 1956

Education:

- B.E. in Electrical Engineering from College of Engineering, Pune in 1979

Certifications & Training:

- Certified Energy Auditor (EA-0729)
- Certified Energy Manager from TUV, Germany
- Chartered Engineer from Institute of Engineers, Kolkata
- Successfully completed IRCA certified ISO 50001:2011

Employment record:

- Senior Manager at Siemens Ltd. since 2007.
- Free lancer as consultant for green and brown field projects, concept to commissioning of new projects, energy audits and power quality audits from 1995 to 2007.
- Maintenance Manager at Pfizer Ltd. from 1991 to 1995
- Senior Engineer at Orkay Polyester, Orkay Silk Mills Ltd. from 1984 to 1991
- Junior Engineer at ACC Ltd., from 1982 to 1984.
- Assistant Engineer at Garware lastics and Polysters Ltd. for 6 months
- Junior Engineer at Nirlon Synthetic Fibres & Chemicals Ltd., for one year.

Energy Audit Experience:

Conducted about 100 energy audits in various sectors including automobile, iron and steel, buildings, pulp and paper, food and beverages, glass, pharma, textiles etc. in India, Thailand, Mexico. Part of the implementation of projects for energy conservations in waste heat recovery, pumping systems, HVAC etc.