FORM IV

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

Se	Serial Number (AEA - 0200)		As on :- 09/10/2014
A			
1	Name of accredited energy auditor	Manojkumar Borekar	
2	Father's name	Uttamrao Borekar	
3	Date of certification as Energy Manager	02 November 2006 (as Energy Auditor)	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	02 November 2006	Photograph of the
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Certified Energy Auditor EA - 2649	energy auditor
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	2604	

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	TUV India Pvt Ltd.	
9	Date of accreditation as accredited energy auditor	09/10/2014	
1	Type of firm/ private/ Government / NGO etc.	Private	
1 1	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Head –Energy & Carbon Services (West Zone) Advisory - Sustainability Energy Water TUV India Pvt Ltd. Member of TÜV NORD Group	
1 2	Professional postal address with Pin Code of the accredited energy auditor	TUV India Pvt Ltd. Member of TÜV NORD Group TUV India House Survey No. 42, 3/1 & 3/2, Sus, Tal: Mulshi, Dist: Pune Pin: 411 021. www.tuvindia.co.in	
1 3	E-mail address	ddress Email: mborekar@tuv-nord.com	
1 4	Telephone numbers . with STD Code (R)	(O) Tel. +91 (20) 67900000 / 01 (R) Mobile : +91 9960316444 Fax : +91 (20) 67900099	

	(O) Mobile no:	Mobile : +91 9960316444		
1 5	Year of establishment of the trade name / firms' name for undertaking the energy audit	TUV INDIA PVT LTD - 1989 (subsidiary of TUV NORD CERT GMBH – 1869)		
1 6	Year of commencement of energy audit of the firm	2005		
1	Whether any certificate	Certificates related to Individual		
7	to support the	Training Course	Year	Certificate No.
	excellence in the system has been obtained (ISO etc.)	ICRA accredited OHSAS 18001 Lead Auditor Training Course, Conducted by TUV India Pvt. Ltd.	9-13 January 2012	7477
		ICRA accredited QMS, ISO 9001 Lead Auditor Training Course conducted by TUV India Private Limited	8-12 September 2008	2008/1729
		ICRA accredited "Environmental Management Systems Lead Auditor Training (ISO 14001) Course and Examination conducted by Nigel Bauer and Associates in collaboration with TUV India Pvt. Ltd.	7-11 May 2007	EMS/2007/1050
		Certified Energy Auditor by Bureau of Energy Efficiency	02 November 2006	Reg No : EA 2649 Cert No : 1423
		Corporate Responsibility Training Course conducted by Confederation of Indian Industries', Mumbai India.	28 May – 01 June 2012	CII /0312/CSAP/INDIA/30
		GRI certified Training Program	21-22 January 2013	-
		"Training Course on Renewable Energy" and Examination conducted by TÜV NORD CERT GmbH	25-29 April 2011	-
		Advance GHG Auditor Training Course, Conducted by TÜV NORD CERT GmbH	20-21 January 2011	-
		Regional Calibration Workshop conducted by UNFCCC, Pune Regional Calibration Workshop conducted by UNFCCC, Delhi	2011	-

Certificates related to Organization

- ✓ ISO 9001-2008 Certified by GL Systems Certification
- ✓ Registered with MEDA, GEDA, PCRA, KEMC
- ✓ TUV India is authorised License provider for AA1000 AS (Assurance standard for CSR/Sustainable development projects http://www.accountability.org/standards/aa1000as/aa1000as/aa1000as/aa1000as/aa1000as-licensed-providers.html)
- ✓ TUV has achieved accreditation as DOE for validation and verification of UNFCCC (United Nations Framework Convention on Climate Change Sectoral Scopes 1 – 15. (please refer to http://cdm.unfccc.int/DOE/list)
- ✓ Accreditation Certificate from QCI/NABCB for Quality Management System Certification.
- ✓ Accreditation Certificate from QCI/NABCB for Environmental Management System Certification.
- ✓ Accreditation Certificate from QCI/NABCB for Food Safety Management System Certification.
- ✓ Accreditation Certificate from APEDA, Ministry of Commerce and Industry, Govt. Of India for recognition of HACCP Certification.
- ✓ DAkkS accredited for Carbon Footprint Verification according to ISO 14064
- ✓ DAkkS accredited for Energy Management System Certification according to ISO 50001
- ✓ Type A Inspection Body As per ISO/IEC 17020:1998 by QCI-NABCB
- ✓ Authorized by Indian Boiler Regulations for inspection Within India and all over the world.
- ✓ Recognized Inspector under SMPV(U) rules,1981 by The Chief Control of Explosive, Department of Explosive ,Nagpur (CCOE)
- ✓ Recognized as Competent persons under Petroleum Rules, 2002 by Department of Explosives – Govt. of India.(PESO)
- ✓ Empanelled at M/s. Oil and Natural Gas Corporation Limited (ONGC) as Third Party Inspection Agency
- ✓ Empanelled at M/s. Indian Oil Corporation Limited(IOCL) as Third Party Inspection Agency
- ✓ TUV Nord-Notified Body for European Union- Product Certification (CE Mark) & Pressure Equip. Directives(PED)
- ✓ Authorized inspectors for ASME By National Board For Boilers & Pressure vessels Inspectors, Columbus, Ohio, US
- ✓ Authorized Inspection agency as per Malaysia Department of Occupational Safety and Health(DOSH)
- ✓ Authorization to conduct fabrication survey of pressure

system for use in Singapore by Ministry Of Manpower(MOM)-Singapore)

1 No. of branch offices

8

(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)

MUMBAI - HEAD OFFICE

Mr Anil Rairikar - M D
TUV INDIA PVT LTD.
801, Raheja Plaza I, L.B.S.Marg
Ghatkopar (West)
MUMBAI 400 086
+ 91 22 6647 7000
mumbai @tuv-nord.com

Mr Sandeep Deshpande

Inspection Office
TUV INDIA PVT LTD
241, Hindustan Kohinoor Complex,
Opp. MTNL office, LBS Marg
Vikhroli (West) Mumbai – 400 083
+91 22 6782 4100
mumbai@tuv-nord.com

MUMBAI - BRANCH OFFICE Mr Annasaheb Darade

TUV INDIA PVT LTD.
801, Raheja Plaza I, L.B.S.Marg,
Ghatkopar (West)
MUMBAI 400 086
Tel: + 91 22 6647 7000
mumbai@tuv-nord.com

NASHIK

Mr Mahendra Sonawane

TUV INDIA PVT LTD.

10"Abhishilp", Navshakti Chowk,
Near Mumbai Naka
Dr. Bhabha Nagar,
Nasik 422001
(0253) 2502463

nshk@tuv-nord.com

KOLHAPUR

Mr Sangram Patil

TUV INDIA PVT LTD.
A - 3, First Floor, Sterling Tower Shahupuri
Kolhapur 416 001
Fax: (0231) 2520346
klhp@tuv-nord.com

KOLKATA

Mr Sankar Ghosh

TUV INDIA PVT LTD
4th Floor; Besides
Simplex House, A /
27 Shakespeare Sarani
Kolkata – 700 017
(033) 22903640/41
kolkata@tuv-nord.com

PUNE

Mr V K Hattarage

TUV INDIA PVT LTD.
TUV INDIA HOUSE
Survey No – 42, 3/1 & 3/2,
Sus, Pune.
Pin code – 411021.
Tel.: 020 – 67900000/ 67900001
pune@tuv-nord.com

FOOD LAB Mr V K Gupta

TUV INDIA PVT LTD
TUV INDIA HOUSE,
Survey No – 42, 3/1 & 3/2,
Sus, Pune.
Pin code – 411021
Tel.: 020 – 67900000 / 67900001
foodlab@tuv-nord.com

BARODA

Mr Pankaj Patel

TUV INDIA PVT LTD.
2nd Floor, Pelican Building
Opp. Race Course Tower,
Race Course
VADODARA – 390 005.
(0265) 2350920/2350930
baroda@tuv-nord.com

HUBLI

Mr Mohan Khandate

TUV INDIA PVT LTD. 1, 2nd Floor, Diamond Corner Opp. Sawai Gandharva Hall, Deshpande Nagar, Hubli 580029 (0836) 2252405 hubli@tuv-nord.com

DELHI

Mr Pankaj Gupta

(011) 47 274727/31/00

TUV INDIA PVT LTD
3rd Floor, Administrative Building,
E Block, NSIC Technical Service
Centre
OKHLA Industrial Area, Phase –
III
New Delhi – 1100 20

BANGALORE

Mr A A Anilkumar
TUV INDIA PVT LTD.
3351, "Rajguru Mansion"
2nd Floor, Near Lenovo Showroom
K. R. Road, Banashankari 2nd
Stage, BANGALORE – 560 070
(080) 32712519 / 41211348
blore@tuv-nord.com

COIMBATORE

Mr Venkatesh Prasad TUV INDIA PVT LTD Classic towers, office no.2A 2nd floor, No-1547 Trichy road COIMBATORE – 641 018. (0422) 4392960 / 70 coimb@tuv-nord.com

AHMEDABAD

Mr Sameer Desai
TUV INDIA PVT LTD
404 – B, Pinnacle Business Park,
Corporate Road,
Near Prahlad nagar
Garden Cross Roads, Satellite,
AHMEDABAD- 380 015.
09979887060
ahd@tuv-nord.com

LUDHIANA

MUNISH JOSHI
TUV INDIA PVT LTD
2nd Floor, S.C.O 145,
Firoze Gandhi Market,
Ludhiana – 141 001
Tel: (0161) 5092007
ludh@tuv-nord.com

delhi@tuv-nord.com

Mr Pradeep Kumar

CHENNAI

TUV INDIA PVT LTD CERTIFICATION & INSPECTION Dhun Building, 2nd floor 827, Anna Salai CHENNAI - 600 002. (044) 428528874, 75, 76 /

HYDERABAD

chennai@tuv-nord.com

28521676

Mr KVV Satyanarayana TUV INDIA PVT LTD. 6-3-1092/93 Opp. Ishwarya Silks Raj Bhavan Road Somajiguda HYDERBAD - 500 082 (040) 30431220 / 3043 1222 hyd@tuv-nord.com

AURANGABAD

Mr Vinayak Kanade
TUV INDIA PVT LTD.
Vijayshri Bungalow, Plot No.151,
Near Sai Baba Mandir, Jyoti
Nagar, Aurangabad – 431 001
Telefax – 0240 2350495
aurang@tuv-nord.com

С	Details of Associated Energy Experts	
	Number of resource persons available	10

I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm

*Biodata of Certified Energy Auditor.				
1.	Name of energy auditor MANOJKUMAR BOREKAR			
2.	Qualifications.	B.E- (Mechanical Engineering M.Tech, (Energy Management)		
3.	Experience. (use additional sheet if required)	12 years (6 years in Energy Auditing)		
4.	Residence(with STD)	+91 020 67900000		
5.	Mobile	+91 9960316444		
6.	Email address	mborekar@tuv- nord.com		
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	EA 2649 02 nd Nov 2006		
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"			
9.	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 -2649		

1.	Name of energy auditor	SWAPNIL PRASAD THANEKAR
2.	Qualifications.	M.Tech Heat Power Engineering
3.	Experience. (use additional sheet if required)	08 years (4 years in Energy Auditing)
4.	Residence(with STD)	-
5.	Mobile	08149190608
6.	Email address	sthanekar@tuv- nord.com
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	EA 8407 07 Feb 2013
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	07 Feb 2013
9.	Examination Registration Number of	EA 8407
	(i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	

1.	Name of energy auditor	S. STALIN
2.	Qualifications.	B.E(Electrical & Electronics)
		M.Tech (Energy Conservation & Management)
3.	Experience. (use additional sheet if required)	9.5 years, (6 years in Energy Audit)
4.	Residence(with STD)	Nil
5.	Mobile	+91 9500033818
6.	Email address	stalin@tuv-nord.com
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	30 th April 2007
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	April 2007.
9.	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 -3761
1.	Name of energy auditor	G. EZHILARASU
	1	

1.	Name of energy auditor	G. EZHILARASU	
2.	Qualifications.	B.E(Mechanical Engineering) M.Tech (Energy Engineering) P.G Diploma In Energy Auditing &Management	
3.	Experience. (use additional sheet if required)	14.5 years,(5 years in Energy Audit)	
4.	Residence(with STD)	Nil	
5.	Mobile	+91 9841905295	
6.	Email address	ezhilarasu@tuv- nord.com	
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	30 th July 2009	
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Dec 2008.	
9.	Examination Registration Number of	EA -10202	

(i) Energy Manager

(ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)



II. No. of part-time auditors energy in position during the current year previous year associated with the energy auditor energy auditor's firms.

No. of Associated External Energy Expert = 6

Name of	Dr. M.G.Gharpure (EA-1135)
Energy Auditor	
Name of Firm	Yajna Fuel Services,
	B-15, Ground Floor, Shree Dutta Vihar CHS
	Shivajinagar, B-Cabin, Thane(W)-400602
Qualification	B.Tech in Chemical Engineering from LIT, Nagpur
and Experience	in year 1977, M. Tech in Chemical engineering
	from IIT, Bombay in 1979, Ph.D. in Chemical
	Engineering from IIT, Bombay in 1981
	Experience; 35 years
	Sectors: Fertilizer, Refinery, Petrochemicals,
	Power Plants, Chemicals, Pharmaceuticals.

Name of	Mr. Krishnudu Nalla (EA-1468)
Energy Auditor	
Name of Firm	M/s GIFTech Solutions
	#103, Mahasai Residency,
	H.No.3-73/11/12, Puppalaguda,
	Hyderabad - 500 089.
	Tele Fax: 040 2766 5373 M: 9490190325,
	giftech@gmail.com
Qualification	M.Tech (Energy Systems) from IIT Bombay in year
and Experience	2003, Since 2003, working on Energy
	Audits. Conducted more
	than 300 energy audits & 50 training programs in
	India & Abroad.
	Experience: 10 years
	Sectors: Thermal Power Plants, Textiles, Pulp &
	Paper, Cement, Aluminium, Fertilizer, Sugar, Refinery,
	Petrochemicals, Steel re-rolling, Chemicals,
	Pharmaceuticals, Engineering & Commercial, Glass,
	Buildings, Food, Plastic

Name of	R. Paraman (EA 0588)
Energy Auditor	
Name of Firm	Devki Energy Consultancy Pvt. Ltd.,
	405, Ivory Terrace, R.C. Dutt Road,
	Vadodara, Gujarat – 390007
Qualification	B.E. (Electrical) from M.S. University, Baroda.
and Experience	Undergone Professional Development course in
	Advanced Energy Auditing at University of
	Wisconsin, U.S.A. Since 1986, working on energy
	audits and training programs. Conducted more
	than 300 energy audits & 50 training programs in
	India & Abroad.
	Experience: 26 years
	Sectors: Thermal Power Plants, Textiles, Pulp &
	Paper, Aluminium, Fertilizer, Sugar, Refinery,
	Petrochemicals, Steel re-rolling, Chemicals,
	Pharmaceuticals, Engineering & Commercial
	Buildings

Name of	Mr. A.V. Dinesh (EA 0589)
Energy Auditor	
Name of Firm	Freelancer
Qualification and Experience	B.Tech. Electrical & Electronics, M.Tech (Energy management. Since 1996, working on Energy Audits and training programs in industries. Chief resource person for preparation of Code & Best Practice Manuals for BEE- Ministry of Power, Govt. of India and PCRA. Conducted more than 200 energy audits & 25 training programs in India & Abroad. Experience; 15 years Sectors: Thermal Power Plants, Textiles, Pulp & Paper, Aluminium, Fertilizer, Sugar, Refinery, Petrochemicals, Chemicals, Pharmaceuticals, Engineering & Commercial Buildings
Name of	Mr. Ajitkumar S. Datar (EA-0729)
Energy Auditor	
Name of Firm	Industrial Energy Saving Company, Thane (West)
Qualification	B.E. (Electrical) from University of Bombay

		and Experience AMIE (Mechanical) from Institut D.B.M. from Pune University. Senergy Audits. Conducted more Experience; 32 years Sectors: food and beverages, pagar, distillery, textiles etc. Texpaper, Aluminium, Fertilizer, Phengineering & Commercial Buil Name of Energy Auditor Name of Firm Ameya Consultants Qualification and Experience B.E. Electrical Govt. College of 2002, working on Energy Audite Experience; 34 years Sectors: Pump, Motors and Ligengineering & Commercial Buil	ince 2004, working on the than 120 energy audits lastic, packaging, glass, ctiles, Pulp & narmaceuticals, dings.
21	Sectors in which the	Nature of Work	Sector
	energy auditor/ energy audit firm has	Boiler conversion, design of external furnace economizer, commissioning	, Food
	conducted energy	Detailed Energy Audit	Textile
	audits since inception	Detailed Energy Audit	Pharmaceutical
	addits since inception	Design and commissioning of WHR, VARS, HWG, PG plant	Automobile
		Boiler conversion, design of external furnace economizer, commissioning	, Chemical
		Boiler conversion, design of external furnace economizer, commissioning	, Pharmaceutical
		Detailed Energy Audit	Chemical
		Boiler conversion, design of external furnace economizer, commissioning	, Rubber
		Energy audit, report preparation	Packaging
		Design & Commissioning of external furnace air preheater	, Food
		Coal fired boiler efficiency test	Chemical
		Design & Commissioning of down draft, fixed bed, horizontal PG plant	Pesticides
		Detailed energy audit industry& design of WHRS for cogeneration power plant	Paper
		Detailed energy audit	Chemical
		Detailed energy audit	Dairy
		DETAILED REPORT ON THE ENER AUDIT	Casting
		Energy Labeling - Energy Assessment Rep of "Model / Ref. No. : RWI- SF-TA 1800 X 90 900"	0 - Lab equipment
		Energy Labeling - Energy Assessment Rep of "Combination Sash Bench Fume Ho (Model: H07G5472B00)"	
		The Boiler Efficiency Testing	Sugar
		Detailed Energy Audit	Manufacturing / Engineering
		Detailed Energy Audit	Casting

		Detailed Energy Audit -Ceramics Division Detailed Electrical Energy Audit The Boiler Efficiency Testing (BS 845) Detailed Energy Audit Comprehensive Process and Energy Audit (Thermal and Electrical) Detailed Energy Audit of 4 Buildings Detailed Energy Audit of 4 Cement mills	Ceramic Chemical Chemical Steel & Iron Chemical Building Cement
22	Subject wise expertise	 Design of external furnace Fuel substitution (Biomass/NG based) Combustion and Waste heat recovery Power plant energy assessment Pumping System Boiler system (High Pressure) & Stear Vapour Absorption System Electrical systems- Motors, transforme system, harmonics Fans/Blowers Compressed Air HVAC, Refrigeration –Air conditioning Cooling Towers 	n distribution
(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	 Iron and Steel Power Plant (Coal based, NG based) Paper & Pulp Dairy Textile Ceramic Engineering & Manufacturing industries Cement Sugar 	
(b)	Energy audit thermal utility system (list sectors)	Sector Textile Pharmaceutical Automobile Chemical Paper Dairy Sugar Casting	

(c)	Energy audit electrical utility system (list sectors)	Ceramic Steel Cement Sector Textile Pharmaceutical	
		Chemical Paper Dairy Casting Manufacturing / Engineerin Ceramic Steel Building Cement	g
23	Instruments available	Please see below list	
	(a) Electrical (list the name of the instruments)	Name of Instrument	Make
		CONTACT / NON-CONTACT TACHOMETER	AMPROBE- TACH 10
		AUTO RANGING LUX METER	AMPROBE- LM 120
		1000A CLAMP-OM POWER QUALITY METER W/THD-F	AMPROBE-ACD 41PQ
	(b) Thermal (list the	Name of Instrument	Make
	name of the instruments)	INFRARED AND CONTACT THERMOMETER, -40 TO 550 DEG CEL	FLUKE- 561
		ANEMOMETER THERMOMETER, FLEXIBLE VANE AMPROBE-TMA 10A	AMPROBE-TMA 10A
		RH, TEMPERATURE, DP, WB W/FLEX PROBE METER	AMPROBE-THWD 5
		ULTRASONIC LEAK DETECTOR	AMPROBE- ULD 300
		Flue Gas Analyser	TESTO 320
		Conductivity meter	Make: HANNA, Model: HI 2300 EC/TDS/NaCI meter
		PH meter	Make: HANNA, Model: PH / ORP meter
		BoD Incubator	Make: Thermolab
		Spectrophotometer	Make: Lab India Model: T90 Plus
		Hot Air Oven	Make: Meta Lab Scientific Industries
		Muffle Furnace	Make: Classic Scientific Make: Meta Lab
		Bomb Calorimeter	Make: Rajdhani Scientific Instruments

24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Lanxess India Pvt Ltd Training - (ISO 50001:2011)
(ii)		Varrsana Ispat Ltd (ISO 50001:2011)
(iii)		Godrej & Boyce Mfg. Co. Ltd Training - (ISO 50001:2011)
(iv)		IG Petrochemicals Limited - Training - (ISO 50001:2011)
(v)		Venus Wire Industries Pvt. Ltd Training - (ISO 50001:2011)
(vi)		Endress+Hauser Flowtec (India) Pvt. Ltd Training - (ISO 50001:2011)

D	Remarks(if any)

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

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

Place: Pune

Date: 20 December 2013

Name: MANOJKUMAR BOREKAR

Designation: Head –Energy & Carbon Services (West Zone)

Signature:

Advisory - Sustainability |Energy |Water For and on behalf of: TUV India Pvt. Ltd.

Member of TÜV NORD Group