


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

Serial Number AEA- 0054		As on <u>11/06/2014</u> (DD/MM/20YY)	
A.			
1	Name of accredited energy auditor	Shashibhushan Agrawal	
2	Father's name	Subhash Shankarlalji Agrawal	
3	Date of certification as Energy Auditor	Certified Energy Auditor Date of certificate :- 02/11/2006	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Date of certificate :- 02/11/2006	
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.)	Registration for Certified Energy Auditor EA-1090 EA-1090	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	No. 2313 No. 2313	
7	Date of issue of accreditation certificate		
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	AEEE Consultancy Services (Proprietor of this MSME Service Firm) (<i>& also providing services to various consultant as Individual, for Shailesh Agrawal Associates, AG TECH SOLUTIONS & Various Energy Auditing organizations</i>)	
9	Date of accreditation as accredited energy auditor		
10	Type of firm / private/ Government / NGO etc.	Private (<i>MSME Service Industry</i>)	

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Name :- Shashibhushan Subhash Agrawal Designation :- Proprietor Address :- AEEE Consultancy Services c/o Shashibhushan Subhash Agrawal 'Kapil' Building, opp. Dr. Naik's X-ray clinic New Bhagwat Plots, Akola (Maharashtra) 444005 Telephone Number :- (0724) 2421271 Mobile Number :- 09422161638 Fax Number :- (0724) 2411271 E-mail :- shashi@charteredvaluer.com Web site :- www.aeeec.com www.charteredvaluer.com www.shashibhushan.co.in
12	Professional postal address with Pin Code of the accredited energy auditor	Address :- AEEE Consultancy Services c/o Shashibhushan Subhash Agrawal 'Kapil' Building, opp. Dr. Naik's X-ray clinic New Bhagwat Plots, Akola (Maharashtra) 444005
13	E-mail address Web Site	shashi@charteredvaluer.com shashi@aeec.com www.aeeec.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	(0724) 2411271 (0724) 2411271 09422161638
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	Year of Establishment of Trade Name/Firm's name :- Year 2004
16	Year of commencement of energy audit of the firm	Year-2004
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	<ol style="list-style-type: none"> 1) Received Consecutive Four Award from Government of Maharashtra (State Designated Agency MEDA) 'Award for Excellence in Energy Conservation' under 'Energy Auditor' Category. <ol style="list-style-type: none"> a) Second Award for Yr. 2007-2008 b) First Award for Yr. 2008-2009 c) First Award for Yr. 2009-2010 d) First Award for Yr. 2010-2011 2) Received training from JICA of Japan Government for training in "Energy Conservation technique for India" through BEE. Undergone practical training in various Japanese industry like - <ol style="list-style-type: none"> a) Nippon Steel Corporation b) TLV International Inc c) Nissan Motor

		<p>d) Nippon Coke & Engineering Co. Ltd</p> <p>e) Panasonic Denko Institute of Technology, INC</p> <p>f) Yaskawa Electric Corporation Etc. Please Refer Annexure – I</p> <p>3) Carried “Change Project” for “Energy Efficiency & Renewable Energy” with international team in Beijing China & Sweden.</p>
18	<p>No. of branch offices</p> <p>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)</p>	<p>(Only Main Head office at Akola in Maharashtra.)</p> <p>Address :- AEEE Consultancy Services c/o Shashibhushan Subhash Agrawal ‘Kapil’ Building, opp. Dr. Naik’s X-ray clinic New Bhagwat Plots, Akola (Maharashtra) 444005</p>
C	Details of Associated Energy Experts	
19	Number of resource persons available	Three
(I)	Number . of full-time energy auditors in position with work experience of all energy auditors associated with the firm	<p>Accredited Energy Auditor</p> <p>a) Shashibhushan Subhash Agrawal B.E.(Mech); AMIE; Chartered Engineer BEE Certified Energy Auditor (R No. EA-1090) <i>(Bio-data with various awards, training etc as per Annexure I).</i></p> <p>b) Two other BEE Certified Energy Auditors</p>
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.	<p>Associate, if special guidance is needed, BEE Certified Energy Auditor – 01 No.</p> <p>1) Mr. S.B.Wankhade ME(Electrical). BEE Certified Energy Auditor (R.No.EA-0915) Current Position as Associate Energy Auditor on assignment basis for advance level guidance in electrical systems.</p>
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	<p>a) Steel Industry</p> <p>b) Textile Industries</p> <p>c) Pulp & Paper Industry.</p> <p>d) Chlor-Alkali</p> <p>e) Chemical Industry</p> <p>f) Cement Industries</p> <p>g) Thermal Power Plant & Co-generation.</p> <p>h) Hotel & Catering Industry</p> <p>i) Pharmaceutical Industries</p> <p>j) Dairy Industry</p> <p>k) Sugar & Distillery Industry</p> <p>l) Commercial Building Sector</p> <p>m) Glass & Ceramic Industry</p> <p>n) Garment Industry</p> <p>o) Government Buildings</p> <p>p) Municipal Council</p> <p>q) Water Supply (Including Head works &</p>

		<p>WTP)</p> <p>r) Agro Industries</p> <p>s) Engineering Industry</p> <p>t) Cluster development (Oil Industry & Dairy Industry).</p> <p><i>(Please Refer Annexure II for list of few Industries/Commercial Building for which energy audit carried in recent past)</i></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	<p>a) Steel Industry</p> <p>b) Textile Industries</p> <p>c) Pulp & Paper Industry.</p> <p>d) Chlor-Alkali</p> <p>e) Chemical Industry</p> <p>f) Cement Industries</p> <p>g) Thermal Power Plant & Co-generation.</p> <p>a) Pharmaceutical Industries</p> <p>b) Dairy Industry</p> <p>c) Glass & Ceramic Industry</p> <p>d) Garment Industry</p> <p>e) Agro Industries</p> <p>f) Engineering Industry</p> <p>g) Sugar & Distillery Industry</p> <p>h) Cluster development (Oil Industry & Dairy).</p> <p><i>(Please Refer Annexure II for list of few Industries/Commercial Building for which energy audit carried in recent past)</i></p>
(b)	Energy audit thermal utility system (list sectors)	<p>a) Steel Industry</p> <p>b) Textile Industries</p> <p>c) Paper & Pulp Industry</p> <p>d) Cholor-Alkali</p> <p>e) Chemical Industry</p> <p>f) Cement Industries</p> <p>g) Thermal Power Plant & Co-generation.</p> <p>h) Hotel & Catering Industry</p> <p>i) Pharmaceutical Industries</p> <p>j) Dairy Industry</p> <p>k) Commercial Building Sector</p> <p>l) Glass & Ceramic Industry</p> <p>m) Garment Industry</p> <p>n) Sugar & Distillery</p> <p>o) Government Buildings</p> <p>p) Municipal Council</p> <p>q) Water Supply (Including Head works & WTP)</p> <p>r) Agro Industries</p> <p>s) Engineering Industry</p> <p>t) Cluster development (Oil Industry & Dairy).</p> <p><i>(Please Refer Annexure II for list of few Industries/Commercial Building for which energy audit carried in recent past)</i></p>

(c)	Energy audit electrical utility system (list sectors)	<ul style="list-style-type: none"> a) Steel Industry b) Textile Industries c) Pulp & Paper Industry. d) Chlor-Alkali e) Chemical Industry f) Cement Industries g) Thermal Power Plant & Co-generation. h) Hotel & Catering Industry i) Pharmaceutical Industries j) Dairy Industry k) Sugar & Distillery Industry l) Commercial Building Sector m) Glass & Ceramic Industry n) Garment Industry o) Government Buildings p) Municipal Council q) Water Supply (Including Head works & WTP) r) Agro Industries s) Engineering Industry t) Cluster development (Oil Industry & Dairy Industry). <p><i>(Please Refer <u>Annexure II</u> for list of few Industries/Commercial Building for which energy audit carried in recent past)</i></p>	
23	Instruments available		
	(a) Electrical (list the name of the instruments)	<p>All Inhouse Energy Audit Equipments. Power Quality Analyzer with Harmonics analysis & data logging capability (02 Nos), Various CT Set for LT & HT logging, Power Analyzer Hand held (01No), Thermal Imaging Camera for Electrical Energy Audit (01No). <i>(List with Make & Serial Number Attached as per <u>Annexure III</u>)</i></p>	
	(b) Thermal (list the name of the instruments)	<p>Infrared Thermal Imaging Camera (01 No.), Ultrasonic Flow meter (01 No.), Pitot tube (01 No.), Anemometer (01 No.), Digital infrared thermometer (01 No.), Non Contact Tachometer (01 No.), Contact type Tachometer (01 No.), Whirling DBT/WBT gauge (01 No.), Ultrasonic leak detector for steam traps & compressed Air (01No.) <i>(List with Make & Serial Number Attached as per <u>Annexure III</u>)</i></p>	
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	<p>Regularly Carrying workshops & Seminars for promotion of Energy Efficiency. Empanelled faculty for PCRA, Provided Services as Project Consultant for ICPCI for Energy efficient Motor Project.</p>	
		Topic of Workshop & Location	Date

		1) Workshop for Energy Efficiency in SME for Khamgaon Industries Association (Pl Refe Annexure V)	27 th Oct 2007
		2) Workshop for Energy Efficient Electric Motor for Akola Industries Association (Pl Refe Annexure V)	10 th Feb 2008
		3) Workshop for Energy Efficient Electric Motor for Yavatml Industries Association (Pl Refe Annexure V)	6 th May 2008
		4) Workshop for Energy Efficient Electric Motor for Chandrapur Industries at ACC Cement (Pl Refe Annexure V)	10 th Dec 2008
		5) Workshop for Energy Efficient Electric Motor for Jalgaon Industries Association at Raymond Ltd. (Pl Refe Annexure V)	9 th Feb 2009
		6) Co-conducted various workshops with PCRA as faculty for PCRA for various workshops/Seminars (Work Order Copy attached) for Nagpur Paper Industries Association (VIA), Mahindra & Mahindra Nashik etc.	Various Dates.

D	Remarks(if any)
	Total Experience of 25 Years. Energy Audit Experience of 15 Years. Providing services under my proprietary firm (AEEE Consultancy Services) and also providing services to various other energy auditing firms as team leader with energy audit equipments. Other firms to whom I have rendered services are a) PCRA b) Shailesh Agrawal Associates c) AG TECH SOLUTIONS Currently I am doing mainly energy audits, energy conservation implementation consultancy, energy conservation awareness creation & training.

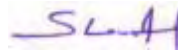
I hereby state that information furnished above is true and correct to the best of my knowledge.

Place :-Akola

Signature:

Date:-11/06/2013

Signature



Name :-Shashibhushan Subhash Agrawal

Designation :-Proprietor

For and on behalf of :-AEEE Consultancy Services

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

Annexure I :- Brief Profile

Shashibhushan Subhash Agrawal

Engineering Qualification	<ul style="list-style-type: none">• B.E. [Mechanical] in Yr 1988 from Government College of Engineering, Amravati; A.M.I.E.; Chartered Engineer, BEE Certified Energy Manager & Auditor (Reg.No. EA-1090), ASNT Level II Certified for LPT, MPT, UT, RT Government Registered Valuer for Plant & Machinery
Awards & Recognitions for Energy Conservation	<ul style="list-style-type: none">• Winner for <u>"State Level Award For Excellence in Energy Conservation & Management"</u> Under "Energy Auditor" Section by Govt Of Maharashtra SDA MEDA for Year 207-2008 (IInd Prize Winner)• Winner for <u>"State Level Award For Excellence in Energy Conservation & Management"</u> Under "Energy Auditor" Section by Govt Of Maharashtra SDA MEDA for Year 2008-2009 (Ist Prize Winner)• Winner for <u>"State Level Award For Excellence in Energy Conservation & Management"</u> Under "Energy Auditor" Section by Govt Of Maharashtra SDA MEDA for Year 2009-2010 (Ist Prize Winner)• Winner for <u>"State Level Award For Excellence in Energy Conservation & Management"</u> Under "Energy Auditor" Section by Govt Of Maharashtra SDA MEDA for Year 2010-2011 (Ist Prize Winner)• In Year 2010, Selected through BEE by JICA Japan for practical training in "Energy Conservation Technique for India" in Japan.• Recently Selected for Energy Efficiency Project by Swedish Agency for Training & Energy Efficiency Project.
Special Training Received for Energy Audits / Energy Conservation.	<ul style="list-style-type: none">• Received one month practical training in Japan for "Techniques in Energy conservation for India". The training involved in depth study of various advance techniques in energy conservation along with study in various Japanese industries like Nissan Motors, Nippon Steel corporation, Nippon coke, TOTO industries, Japan Corrocoat, Yaskava electronics etc. Received special training in MCDT (Machine conditioning & diagnostic techniques)
Nature of Professional Experience	<ul style="list-style-type: none">• 25 Yrs of Experience in Engineering Field & 15 Yrs in Energy Conservation / Energy Audit.• Worked with M/S Bajaj Auto Ltd in Manufacturing as Asst. Engineer for two yrs.• Providing Services as 'Competent Person' Under Factories Act and Mah. Fact. Rule. ,Under Petroleum Rule, SMPV(U) Rules, GIC Surveyor & Loss Assessor, 'Govt. Registered Plant & Machinery Valuer'. Provided Services to more than 500 Industries across India.• Provided many assignments for CAD Based 2D drawing drafting & 3D modeling. Fluency in Computer Languages, Autocad, Mechanical Desktop.• Working in the field of Energy Conservation since 1995. Carried Energy Audits for more than 400 Industries & 100 Commercial Buildings. Carried Energy Audits across all sectors.
Energy Audit &	<ul style="list-style-type: none">• "BEE Accredited Energy Auditor" by Bureau of Energy

<p>Conservation Related Recognitions & Association with Various Institutes engaged in Energy Conservation</p>	<p>Efficiency (AEA-0054)</p> <ul style="list-style-type: none"> • BEE Certified Energy Manager & Energy Auditor (Registration Number EA-1090) • Proprietor of own Firm which is "A-Class Panel Energy Auditor" for MEDA, "Panel Consultant for Waste Heat Recovery" of MEDA a State Designated Agency engaged in Energy Conservation. • "Panel Energy Auditor" for MPUVN (Madhya Pradesh Urja Vikas Nigam Ltd) a Govt. of Madhya Pradesh State Designated agency. • "Panel Energy Auditor" for GEDA (Gujarat Energy Development Agency) a Govt. of Madhya Pradesh State Designated agency. • Provided services to energy conservation propagation bodies like PCRA & ICPCI as a faculty and or as a energy auditor. • "Panel Technical Consultant" (Related to Energy Conservation) for PFC Consulting Ltd, Indian Register of Shipping, State Bank of India (MSME Engineering Cluster energy efficiency, workshop & Seminar).
<p>Energy Audit Equipments Own by Me</p>	<ul style="list-style-type: none"> • Fluke 435 Power Analyzer, Chauvin Arnoux Make power Analyser with HT/LT Logging CT's, FLIR Make E-50 Thermal Imaging Camera, Thermo make Ultrasonic Flow meter, Ultrasonic Leak Detector, Flue Gas Analyzer etc all the energy audit equipments Own by me.
<p>Energy Conservation Related Training & Awareness Program</p>	<ul style="list-style-type: none"> • Regularly engaged in Energy conservation related various training programs for Industries, Engineering colleges, Commercial building association etc. Along with MEDA, PCRA, ICPCI carried many workshop across entire spectrum of end users of energy.
<p>Other Important Qualification Relevant to Energy Conservation</p>	<ul style="list-style-type: none"> • ASNT (American Society of Non Destruction Testing) Level II (Thermography) qualified professional for thermal imaging & interpretation for report. ASNT (American Society of Non Destruction Testing) Level II (UT, MPT, LPT, RT) qualified professional for NDT.
<p>Additional Relevant Information for Energy Audit</p>	<ul style="list-style-type: none"> • Mainly engaged in implementation grade energy audit to achieve targets. Along with energy audit main focus on implementation support to achieve energy saving. Totally result oriented services to achieve energy savings.

I hereby declare that information furnished above is true to best of my knowledge and belief.

SLA

Shashibhushan S Agrawal

B.E.[Mechl]; A.M.I.E..Chartered Engineer
BEE Certified Energy Manager & Auditor (R.No. EA-1090)



Annexure II :-

List of Few Prominent Energy Audits, Energy Conservation & WHR Consultancy Carried in Recent Past.

SN	Name of Client	Brief Detail of Assignment	Sector
1)	Raymond UCO Denim Pvt Ltd (Designated Consumer)	Energy Audit	Textile Industry
2)	Pee-Vee Tetiles Pvt Ltd, Hinganghat (Designated Consumer)	Energy Audit	Textile Industry
3)	Birla Cotsyn [India] Ltd.	Energy Audit	Textile Industry
4)	Rana Denim Pvt Ltd	Energy Audit.	Textile Industry
5)	Technocraft Industries Ltd., Murbad, Kalyan	Energy Audit.	Textile Industry
6)	Vrijesh Natural Fibre & Fabrics (India) Pvt Ltd.	Energy Audit	Textile Industry
7)	Uniworth Textile Industries Ltd., Raipur	Energy Audit	Textile Industry
8)	Shree Rama Newsprint Ltd (Designated Consumer)	Energy Audit	Pulp & Paper Mill.
9)	Sirpur Paper Mills Ltd., Sirpur- Kagaz Nagar (Designated Consumer)	Energy Audit of Compressed Air System	Pulp & Paper Mill.
10)	Gajanan Paper Mills Pvt Ltd	Energy Audit	Paper Mill
11)	Lloyd Steel Industry (Designated Consumer)	Energy Audit	Steel Industry
12)	Maharashtra Elektros melt Ltd. Chandrapur (Designated Consumer)	Energy Audit	Steel Industry (Ferro Manganese)
13)	Indian Seamless Steel Metal & Tube Ltd., Jejuri	Energy Audit	Steel Industry
14)	Hindustan Unilever Ltd. Khamgaon Plant	Energy Audit of Utilities	Chemical Industry (FMCG Industry)
15)	Hindustan Unilever Ltd, Haldia	Energy Audit	Chemical Industry (FMCG Industry)
16)	Croda Chemicals (India) Ltd	Energy Audit	Chlor Alkali / Chemical
17)	Asian Paints Ltd. (Ankaleshwar)	Energy Audit	Chemical Industry
18)	Rallis India Ltd	Energy Audit	Insecticides Industry
19)	Sandoz (I) Pvt Ltd., Turbhe	Energy Audit.	Pharmaceutical Industry
20)	Ajanta Pharma, Aurangabad	Energy Audit.	Pharmaceutical Industry
21)	Zendu Pharamceuticals (Units at Daman)	Energy Audit	Pharmaceutical Industry
22)	Zendu Pharamceuticals (Units at Masat	Energy Audit	Pharmaceutical Industry
23)	Zendu Pharamceuticals (Units at Wapi)	Energy Audit.	Pharmaceutical Industry
24)	RK Exports Ltd (Glass Industry)	Energy Audit	Glass Industry
25)	Lexi Pen India Pvt Ltd., Daman	Energy Audit	Plastic Industry
26)	Bharat Electronics Ltd., Pune	Energy Audit	Engineering Industry
27)	Bharat Electronics Ltd., Taloja	Energy Audit	Engineering Industry
28)	Havells Ltd., Nimrana Plant	Energy Audit	Engineering & Glass Work Industry
29)	IVRCL Infrastructure &	Energy Audit.	Engineering Industry

SN	Name of Client	Brief Detail of Assignment	Sector
	Projects Ltd. (<i>Engineering & Dip Galvanizing Plant</i>)		
30)	CRI Ltd, Kolkata	Energy Audit	Engineering Industry
31)	CRI Ltd., Boral Plant	Energy Audit	Engineering Industry
32)	CRI Ltd, Ahmedabad	Energy Audit	Engineering Industry
33)	Sabar Dairy, Gujarat	Energy Audit	Dairy Industry
34)	Uttam Dairy, Gujarat	Energy Audit	Dairy Industry
35)	Madhur Dairy, Gandhinagar, Gujarat	Energy Audit	Dairy Industry
36)	Vimal Dairy, Gujarat	Energy Audit	Dairy Industry
37)	Avkar Dairy, Gujarat	Energy Audit	Dairy Industry
38)	Kheralu Milk Chilling Center, Gujarat	Energy Audit	Dairy Industry
39)	Kadi Milk Chilling Center, Gujarat	Energy Audit	Dairy Industry
40)	Shri Viththal SSK Ltd. Sugar Mill Division. Pandharpur	Energy Audit	Sugar Industry
41)	Shri Viththal SSK Ltd. Distillery Division.	Energy Audit	Distillery Industry
42)	Shri Viththal SSK Ltd. Co-generation Division.	Energy Audit	Power Plant
43)	Ajara Shetkari SSK Ltd (Sugar Division)	Energy Audit	Sugar Industry
44)	Ajara Shetkari SSK Ltd (Power Division)	Energy Audit	Co-gen. Power Plant
45)	Doordarshan Kendra, Worli, Mumbai (Prasarbharati TV Station Mumbai)	Energy Audit	TV Production Studio / Entertainment Studio / Commercial Building / Government Building
46)	Sky Gourmet Catering Pvt Ltd. (<i>catering Services, Multi star Hotel & Leisure club</i>)	Energy Audit.	Food Processing Industry (& Luxury Hotel Industry)
47)	Sayaji Hotels Ltd	Energy Audit	Luxury Hotel & Banquet Halls
48)	IBIS Hotel (IBIS Airport Hotel), Mumbai	Energy Audit.	Hotel Industry
49)	Reserve Bank of India, Garment House Building, Mumbai	Energy Audit.	Commercial Building
50)	HPCL Bhavan, Ballard Estate, Mumbai	Energy Audit	Commercial Building / Government Building
51)	Jahaz Bhavan, Director General of Shipping office Building, Mumbai	Energy Audit	Government Building (<i>Commercial Building</i>)
52)	Vijaya Bank, Regional Office, Pune	Energy Audit & Electrical Audit	Commercial Building
53)	Vijaya Bank, Various 28 Nos Branches in Pune-Goa Region	Energy Audit & Electrical Audit	Commercial Building
54)	Bank of Maharashtra, Regional Office, Jaipur (Rajasthan)	Energy Audit & Electrical Audit	Commercial Building
55)	Bank of Maharashtra, Various 29 Branches in Rajasthan	Energy Audit & Electrical Audit	Commercial Building
56)	Office Building Khamgaon Municipality Council, Khamgaon	Energy Audit	Government Building
57)	Water Supply Schemes Complete Including HW, WTP & Booster Pump House etc, Various 20 Nos of Schemes	Energy Audit	Water Supply & Treatment

SN	Name of Client	Brief Detail of Assignment	Sector
58)	Street Lighting Energy Audit, SCADA exploration, Khamgaon Municipal Council, Khamgaon	Energy Audit	Street Light
59)	Akola Municipal Corporation, Street Lighting System Energy Audit & SCADA Project.	Energy Audit & SCADA Project	Street Lighting Project
60)	Raymond Uco Denim Ltd.	Energy Audit with Implementation Support & Energy Conservation Consultancy	Textile Industry
61)	Pee Vee Textiles Ltd.	Energy Audit with Implementation Support & Energy Conservation Consultancy	Textile Industry
62)	Birla Cotsyn (I) Ltd., Ginning & Pressing Unit at Ghatanji	Energy Audit	Cotton Processing Industry
63)	Birla Cotsyn (I) Ltd, Ginning & Pressing Unit at Khamgaon	Energy Audit	Cotton Processing Industry
64)	Raymond UCO Denim Pvt Ltd	WHR System Design and Implementation for WH from DG Set for WHR Boiler.	Textile Industry
65)	Pee-Vee Tetiles Pvt Ltd, Hinganghat	Implementation of Energy Audit, Services for PAT target achievement.	Textile Industry
66)	Sandoz Private Ltd., Turbhe, Navi Mumbai	Power Quality Study, MCDT & Thermal Imaging for Energy Conservation	Pharmaceutical Industry

(Note :- These are few of many energy audit carried by us. More than 500 Industrial & more than commercial building energy audit carried)

List of Walk Through Energy Audits Carried in Recent Past

SN	Name of Client	Brief Detail of Assignment	Sector
1)	Bayad Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
2)	Dehgam Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
3)	Dhanduka Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
4)	Dhansura Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
5)	Idar Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
6)	Kapadwanj Milk Chilling Center Gujarat	Walk Through Energy Audit	Dairy Industry
7)	Katosan Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
8)	Khedbrahma Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
9)	Navapura Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
10)	New Suraj Dairy, Gujarat	Walk Through Energy Audit	Dairy Industry
11)	Prantij Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
12)	Ratan Dairy, Gujarat	Walk Through Energy Audit	Dairy Industry
13)	Sardar Dairy, Gujarat	Walk Through Energy Audit	Dairy Industry
14)	Shamlaji Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
15)	Viramgam Milk Chilling Center, Gujarat	Walk Through Energy Audit	Dairy Industry
16)	India Steel Industries Ltd, Khopoli	Walk Through Energy Audit	Steel Industry
17)	CEBBCO (Commercial Engineers & Body Builders) Pvt Ltd, Jabalpur	Walk Through Energy Audit	Engineering Industry
18)	Sanvijay Rolling & Engineering Ltd., Nagpur	Walk Through Energy Audit	Steel Industry

Annexure III :-

List of Energy Audit Equipments Owned with Us (In house) :-

SN	Particulars of Equipment	SN	Particulars of Equipment
1)	Fluke Make 435 Power Quality Analyzer Sr. No. DM 9311031 With Flex CT 3000 Amp X4 Nos. With all standard mountings and accessories for Transformer data logging, Harmonics Study	9)	Chauvin Arnaux Power Analyzer CA 8332 Sr. No. 200694EKH Firmware Serial Number :-300177 With Flex CT – 3000 Amps X 03 Nos & Clamp CT MN93AX03 Nos With all standard mountings and accessories for Transformer data logging, Harmonics Study
2)	Ultrasonic Clamp on type Flow Meter Thermo Electron Corporation Make Polysonics DCT7088 Model Serial Number :- B07DC002 From Ø1” to Ø200” With Transducer, Standard Mountings such as caliper scale etc.	10)	Ultrasonic Leak Detector ;Lutron Make, Leak Detector, Model :- GS-5800 , Sr. No.B33322, Internal No. SAULD-01 Ultrasonic Transmitter, Model No. GS-400, Sr. No. B-39583
3)	Thermal Imaging Camera, FLIR Make, E-50 Model, Serial No. 49026023;FCC ID ZLV-FLIR49001; Range :- Range I : -20°C to +120°C & Range II : 0°C to +650°C with mountings & Accessories	11)	Lux Meter Lutron Make, LX-101A Sr. No.L961122 Range I – 0-1999 Lux Range II – 2000-1990 Lux Range III –2000-50000 Lux
4)	High Temperature Infrared Thermometer, Serial No. 04413135 Range :- -50°C to 1000°C Metravi Make, MT-10	12)	Annemometer Sr. No. L802098 Lutron Make AM-4201 Model
5)	3 Phase Power Analyzer (Balance Type) Mecho Make 4500 Model; S.No. 06160802 With Single Flex CT and two leads with clamp and two leads with pin probe. Range upto 1000 Kw.	13)	Non Contact Tachometer Metravi Make Model :- DT-2234C Sr. No.N216588
6)	Whirling Psychrometer consist of DBT & WBT thermometers (Manual with rotating lever.) Both Thermometer of 0-50°C	14)	Flue Gas Analyzer with probe, Battery charger, Showing O2 & Co2 'Vintech' Make, Model : EFM-6000
7)	Multimeter Orpat Make, Model ODM-100 With Leads Internal No. :- SAMM01	15)	HTC Make, "Easy Log" Model, Sr. No :- 12056534, Digital Temperature & Humidity Logger with computer interface, 48 Hour data logging capacity,
8)	Tongue Tester, Mextech Make, Model M266, Serial No. 11343457 With insulation tester upto 2000Ω, Voltage and current measurement of standard range.	16)	Flue Gas Analyzer for Boiler 'Vintech' Make, Model EFM6000, Serial No. 904, Detection of Co2, O2 in ppm and percentage.

SN	Particulars of Equipment	SN	Particulars of Equipment
9)	Dipel & Samson Make Ultrasonic Thickness Gauge – 02 nos Useful in flow measurement	17)	Thermometers of following range a) 0-50°C b) 0-100°C c) 0-150°C
10)	Tachometer Contact type 'Systems' Make, HTM-590 Model Sr. No.09-2329	18)	Noise Level Meter Yu-Fung Make, Internal No. :- SANLM-01 Range :-0-80 db & 80-120 db
11)	Pressure Gauges a) Scientific Make Ø4"- Range 0-10 Kg/cm ² b) Uday Make Ø4" – Range 0-70 kg/cm ² c) Uday Make Ø4" – Range 0-140 kg/cm ² d) Guru Make Ø4" – Range 0-28 kg/cm ² . e) Make NA Ø4" – Range 0-10 kg/cm ² f) Make NA Ø6" – Range 0-25 kg/cm ² g) Make NA Ø6" – Range 0-28 kg/cm ² h) Make NA Ø6" – Range 0-70 kg/cm ²	19)	Measuring Tape :- a) 3 Meter Length – 02 No b) 15 Meter Length – 02 No c) 30 Meter Length -02 No.
12)	Tensometer (Dynamometer) 'Birdman Cheming' Make Range 0-12.5 Tons LC-100 kg Internal No. SAADG-01 Sr. No. W31924	20)	Annemometer :- Lutron Make Sr. No. L802098, Internal No. SAAAM-01 Range 0-40 m/sec
13)	Hygrometer Dimple Make Range 0°C to 50°C LC-1°C	21)	Thickness Gauge (Ultrasonic Type) Samsonic Make, Model UTG222 Range:-0.75 to 300 mm LC :- 0.01 mm Sr. No. MTO0110102516
14)	Vibration Meter MCM Instrument Make Model VIB-30+ Sr. No.- 0173 Internal No.-SAVM-01 Measuring Velocity Only.	22)	Vibration Meter IRD Mechanalysis Make Model IRD811D Sr. No.- 2K13E1264 Internal No.-SAVM-02 Measuring Velocity, Amplitude & Spike Energy

(All Equipments Calibrated to NPL Traceable Standard)