



Energy Management Centre - Kerala
(Department of Power, Govt of Kerala)

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s KITCO Ltd**, (Femith's, P.B. No. 4407, Puthiya Road, N.H Bypass, Vennala, Kochi - 682 028) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

Empanelment No:

EMCEEA- 1511F-1


Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

This empanelment is valid up to 30th November 2017

Issuing Date: 05/11/2014

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala


Information of firm	
1.	Name & address of the firm KITCO Ltd Femith's, P.B.No.4407, Puthiya Road, NH Bypass, Vennala, Kochi – 682 028, Kerala, India.
	Office(with STD) 91-484-4129000
	Mobile
	Fax number 91-484-2805066
2.	Website (if any) www.kitco.in
3.	Email address m a i l @ k i t c o . i n
4.	Name ,Designation and address of Contact person Ranjit Dominic General Manager
5.	Office(with STD) 91-484-4129000
	Residence(with STD)
	Mobile 9447019900
6.	Email address r a n j i t d o m i n i c @ k i t c o . i n
7.	Year of establishment 1972
8.	Year of commencement of energy audit by the firm. 1990
9.	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses) New Delhi :- KITCO Ltd., F2-205, NSIC Software Technology- cum-Business Park, Okhla Industrial Estate, New Delhi – 110020, India. Phone: 91-8373999957 E-mail: johnwilfred@kitco.in Chennai :- KITCO Ltd., Ist Main Road, MEPZ-SEZ, GST Road, Tambaram Sanatorium, Chennai – 600 045, India.

	<p>Phone: 91-044-45118383/84 E-mail: kitco_mepz@yahoo.com <i>Thiruvananthapuram :-</i> KITCO Ltd., House No 42,TC4/1687, Belhaven Garden, Kowdiar P.O., Thiruvananthapuram - 695 033, Kerala, India. Phone /Fax: 91-471-2728543 E-mail: kitcotvm@gmail.com</p>
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Details of Associated Energy Experts and Audits Conducted by firm

1.	Number of resource persons available	Electrical - 10 Mechanical - 10 Chemical - 5 Instrumentation - 1 Civil - 50
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	2 nos
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	1 no
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Thermal- 12 + Electrical-32+ Buildings-26+ List of 150 Energy Audits carried out attached with profile
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Airport - 1 no Commercial - 6 nos Coir - 3 nos Hospital - 2 nos High rise building - 2 nos Textile - 4 nos Chemical - 2 nos Dairy - 2 nos Rubber - 6 nos Tea - 2 nos (Detailed list attached)
6.	Energy audit of thermal utility system (list sectors)	Dairy, Chemical, Coir, Textile, Tea, Rubber
7.	Energy audit of electrical utility system (list sectors)	Airport, Commercial , Coir , High rise building , Textile , Chemical , Dairy , Rubber Tea, Office Buildings, Coir Industry, Hospital
8.	Instruments available	(a) Electrical (list the name of the instruments) <ul style="list-style-type: none"> • Power Analyser Kit (kVA, kW, kWh, V, A, pf, THD, etc) • Clamp ON • Tachometer • Lux Meter


		(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none">• Flue Gas Analyser (on rent)• Ultrasonic flow meter• Thermometer• Hygrometer• Anemometer• Manometer/Pilot tube
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Bio data of Consultants			
1	Name of energy auditor	Ranjit Dominic General Manager	
2.	Qualifications.	M. Tech Chemical	
3.	Experience. (use additional sheet if required)	31 years	
4.	Residence(with STD)		
5.	Mobile	9447019900	
6	Email address	ranjitdominic@kitco.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nil	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
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.)	Nil	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Nil	
Remarks(if any)--Nil			

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

Place: Cochin
Date: 02.12.2014

Signature:
Name: Ranjit Dominic

Bio data of Consultants			
1	Name of energy auditor	Sreelatha J Nair Senior Consultant	
2.	Qualifications.	M. Tech Chemical	
3.	Experience. (use additional sheet if required)	24years	
4.	Residence(with STD)		
5.	Mobile	9847390050	
6	Email address	sreelathajnair@kitco.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nil	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	Nil	
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.)	Nil	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	Nil	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Nil	
Remarks(if any)--Nil			


Designation: GM

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

Place: Cochin
Date: 02.12.2014

Signature:
Name: Sreelatha J Nair
Designation: SC Gr I

Biodata of Certified Energy Auditor

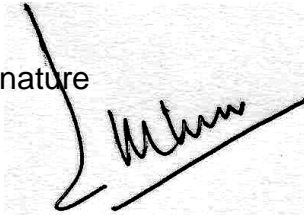
1	Name of energy auditor	G.Krishnakumar		
2.	Qualifications.	B.sc, Electrical Engineering, NIT.		
3.	Experience. (use additional sheet if required)	Bcub Energy System Consultant		
4.	Residence(with STD)	914846513418		
5.	Mobile	9037013418		
6	Email address	nisha.krishnakumar@gmail.com , seem.gk@gmail.com		
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 319		
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2006		
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.)	CEA 319		
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	CEA 319		
Remarks(if any)--Nil				
Company Profile attached along with list of Energy Audits				


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

Place: Cochin

Date: 02.12.2014

Signature



Bio data of Certified Energy Auditor			
1	Name of energy auditor	Mithun John Varghese Certified Energy Auditor	
2.	Qualifications.	B-Tech Mechanical M-Tech Mechanical (Energy Management)	
3.	Experience. (use additional sheet if required)	5 years	
4.	Residence(with STD)		
5.	Mobile	9495223390	
6	Email address	mithunjohnvarghese@kitco.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	August 2013	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	August 2013	
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 17833	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA 17833	
Remarks(if any)--Nil			

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

Place: Cochin
Date: 02.12.2014


Signature:
Name: Mithun John Varghese
Designation: PE

Bio data of Consultants			
1	Name of energy auditor	Jimmy P John Consultant	
2.	Qualifications.	B. Tech Mechanical	
3.	Experience. (use additional sheet if required)	8 years	
4.	Residence(with STD)		
5.	Mobile	9446806729	
6	Email address	jimmypjohn@kitco.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nil	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
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.)	Nil	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Nil	
Remarks(if any)--Nil			

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

Place: Cochin
Date: 02.12.2014

Signature:
Name: Jimmy P John
Designation: C -II

Bio data of Consultants			
1	Name of energy auditor	Shiyas P.R Consultant	
2.	Qualifications.	M. Tech Instrumentation	
3.	Experience. (use additional sheet if required)	3 years	
4.	Residence(with STD)		
5.	Mobile	9809749671	
6	Email address	shiyaspr@kitco.in	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nil	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
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.)	Nil	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Nil	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Nil	
Remarks(if any)--Nil			

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

Place: Cochin
Date: 02.12.2014

Signature:
Name: Shiyas P.R

Bio data of Consultants		
1	Name of energy auditor	Jeevan P. J Young Professional
2.	Qualifications.	M. Tech Electrical
3.	Experience. (use additional sheet if required)	2 years
4.	Residence(with STD)	
5.	Mobile	9496348435
6	Email address	jeevanpj@kitco.in
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Nil
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Nil
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.)	Nil
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	Nil
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Nil
Remarks(if any)--Nil		



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

Place: Cochin
Date: 02.12.2014

Signature:
Name: Jeevan P.J
Designation: YP

LIST OF SELECTED ENERGY AUDITS

S/ No.	Client	Type of Industry
1	Cochin international Airport	Aviation
2	MILMA Trivandrum	Dairy
3	MILMA Kollam	Dairy
4	Federal Towers	Commercial Building
5	Cochin Special Economic Zone	Commercial
6	Federal Bank Data Center	Commercial
7	DELPHI	Electronics
8	Koshy's Electronics Ltd. Thiruvalla	Electronics
9	Keltron Component Complex, Kannur	Electronics
10	CCK Petronet	Fuel Storage
11	IOC Udayamperur	LPG Bottling Plant
12	HPCL Bottling Plant	LPG Storage
13	CII Guardian	Electronics
14	Indiar Crumb Factory	Rubber
15	Hindustan Latex Ltd.	Rubber
16	CCRI, Coir Board, Alappuzha	Coir
17	N.C. John and Sons, Sherthalai	Coir
18	Coirfed, Alleppey	Coir
19	Fibre Foam, Kannur	Coir/Rubber
20	L.B.S. Head office, Trivandrum	Office Building
21	Accountant General's Office, Trivandrum	Office building
22	Palakkad Civil Station	Office Building
23	SuppyCo Head Office, Ernakulam	Office Building
24	LIC of India, Ernakulam	Office Building
25	Arbitron Technologies	Electronics
26	Keltron Component Complex, Kannur	Electronics
27	KTDC Bolgatty Palace, Cochin	Hotel
28	SILK Thrissur	Steel Forgings
29	Metal Industries Ltd. Shoranur	Forgings
30	V.P. Roller Flour Mills, Nilambur	Food
31	Tri Marine Foods	Sea Food Processing
32	Seematti, Ernakulam	Textiles
33	Parthas, Trivandrum	Textiles
34	Khadi and Village Industries, Silver Plant	Textiles
35	National Textile Corporation	Textiles
36	Khadi and Village Industries Board	Chemical
37	United Catalysts India Ltd. Binanipuram	Chemaical
38	United Veneers Pvt. Ltd. Thiruvalla	Plywood
39	RUBCO, Kannur	Furniture
40	KSBC Ltd. , Angamaly	Bamboo Board Factory

S/ No.	Client	Type of Industry
41	Lourds Hospital, Ernakulam	Hospital
42	Little flower Hospital, Angamaly	Hospital
43	Kurichimala Plantation, Vythiri	Tea Industry
44	KCMMF, Malampuzha	Cattle Feed
45	Traco Cables, Irumpanam	Cable
46	Kerala Water Authority, Edappal	Water Pumping
47	KSRTC Trivandrum	Transportation
48	KSRTC Alawaye	Transportation
49	Kerala Food Packers, Palluruthy	Food
50	Malayala Manorama	Press
51	Kerala Books and Publications, Kakkanad	Press
52	Govt. Press, Shoranur	Press
53	KPL Oil Mills, Irinjalakkuda	Oil Mills
54	Cookies India Ltd. Trishur	Food
55	Sathyam Roller Flour Mills Ltd., Kannur	Flour Mills
56	ER and DC, Trivandrum	Hospital
57	South India Wire Ropes, Always	Engineering
58	Balapatam Tile Works Ltd. Kannur	Terra Cotta Products
59	Miracle Rubber Pvt. Ltd Perinthalmanna	Reclaimed Rubber
60	Elecera Substrates Ltd. Peruthalmanna	Ceramic
41	Lourds Hospital, Ernakulam	Hospital
42	Little flower Hospital, Angamaly	Hospital
43	Kurichimala Plantation, Vythiri	Tea Industry
44	KCMMF, Malampuzha	Cattle Feed
45	Traco Cables, Irumpanam	Cable
46	Kerala Water Authority, Edappal	Water Pumping
47	KSRTC Trivandrum	Transportation
48	KSRTC Alawaye	Transportation
49	Kerala Food Packers, Palluruthy	Food
50	Malayala Manorama	Press
51	Kerala Books and Publications, Kakkanad	Press
52	Govt. Press, Shoranur	Press
53	KPL Oil Mills, Irinjalakkuda	Oil Mills
54	Cookies India Ltd. Trishur	Food
55	Sathyam Roller Flour Mills Ltd., Kannur	Flour Mills
56	ER and DC, Trivandrum	Hospital
57	South India Wire Ropes, Always	Engineering
58	Balapatam Tile Works Ltd. Kannur	Terra Cotta Products
59	Miracle Rubber Pvt. Ltd Perinthalmanna	Reclaimed Rubber
60	Elecera Substrates Ltd. Peruthalmanna	Ceramic