



August 2018

**CAPACITY BUILDING OF LOCAL
SERVICE PROVIDERS (LSP) UNDER
GEF-UNIDO-BEE PROJECT
“PROMOTING EE & RE IN SELECTED
MSME CLUSTERS IN INDIA”
LSP Mapping Report - Jamnagar Brass
Cluster**

Submitted to
(Prepared under GEF-UNIDO-BEE Project)



Bureau of Energy Efficiency

4th Floor, Sewa Bhawan, Sector – 1, R. K. Puram, New Delhi - 110066

Prepared by



Confederation of Indian Industry
CII – Sohrabji Godrej Green Business Centre
Survey No. 64, Kothaguda Post, Near HITEC City
Hyderabad 500064

Table of Contents

1.PROJECT BACKGROUND	3
2.CLUSTER SCENARIO	4
2.1 Brass Cluster Jamnagar	4
2.2 The major products manufactured in Jamnagar brass cluster	4
2.3 Type of operations in Brass Cluster	4
2.4 Energy consumption in typical brass unit	5
3.MAPPING OF LOCAL SERVICE PROVIDERS	6
3.1 LSPs operation in Jamnagar brass cluster and their influence on energy efficiency	6
3.2 Objective of Mapping.....	7
3.3 Role of LSPs in Jamnagar Brass Cluster	9
3.4 Approach and Methodology	10
4.OUTCOME OF LSP MAPPING.....	12
5.ANNEXURE.....	15
Annexure 1: List of Participants	15
Annexure 2: Agenda of Kick of Workshop	17
Annexure 3: Sample feedback form	18
Annexure 4: LSP Data Collection form	19
Annexure 5: LSP Data Collection form	50

List of Tables

Table 1: List of clusters identified	3
Table 2: Role of LSPs	9

List of Figures

Figure 1: Jamnagar Brass Cluster	4
Figure 2: Major operations in brass units	5
Figure 3: Typical Energy consumption in different type of units.....	5
Figure 4 : Process wise Mapping.....	7
Figure 5: Mapping Tree of LSPs.....	8
Figure 6: Stakeholders Awareness Workshop	10
Figure 7: Geographic Location of LSPs	12
Figure 8: Skill Set of LSPs.....	12
Figure 9: Employee Strength of LSPs	13
Figure 10: Educational Qualification of LSPs.....	13
Figure 11: Classification based on services.....	13
Figure 12: SWOT Analysis.....	14

1. PROJECT BACKGROUND

Bureau of Energy Efficiency (BEE), a statutory body under Ministry of Power, Government of India, in collaboration with United Nations Industrial Development Organization (UNIDO) is executing a Global Environment Facility (GEF) funded national project “Promoting energy efficiency and renewable energy in selected MSME clusters in India”.

The overall aim of the project is to develop and promote a market environment for introducing energy efficiency and enhanced use of renewable energy technologies in process applications in 12 selected energy-intensive MSME clusters across 5 sectors in India. This will enable improvement in the productivity and competitiveness of units, as well as reduce overall carbon emissions and improve the local environment.

The details of the sectors and clusters identified is as below:

Table 1: List of clusters identified

Sector	Cluster
Brass	Jamnagar, Gujarat
Ceramics	Khurja, Uttar Pradesh
	Morbi, Gujarat
	Thangadh, Gujarat
Dairy	Gujarat
	Kerala
	Sikkim
Foundry	Belgaum, Karnataka
	Coimbatore, Tamil Nadu
	Indore, Madhya Pradesh
Hand tools	Jalandhar, Punjab
	Nagaur, Rajasthan

Confederation of Indian Industry – CII Sohrabji Godrej Green Business Centre has been engaged by Bureau of Energy Efficiency to carry out the assignment on “Capacity building of Local service providers (LSPs)” under GEF-UNIDO-BEE project ‘Promoting Energy Efficiency and Renewable Energy in selected MSME clusters in India’ for the Jamnagar brass cluster.

2. CLUSTER SCENARIO

2.1 Brass Cluster Jamnagar

Jamnagar is known as the Brass City of India. There are about 4000 brass related units alone in Jamnagar. Majority of these units are in operation since last 15 to 20 years. All these units are in pockets of Shankartekri, MP Shah Udyognagar, Patel colony and dared areas.

2.2 The major products manufactured in Jamnagar brass cluster

The products manufactured in Jamnagar are consumed by industries as a part/component of their final product and these part/components require a lot of machining activities like turning, milling, grinding, drawing, boring, threading etc.

- Building hardware like Door & Window Hinges, Stoppers, Knobs, Studs, Handles, Sanitary & bathroom fittings Like Venetian Blinds, Hangers, Taps, Curtain fittings
- Automobile & Cycle tube valves, Industrial control valve
- Agricultural Implements like Tractor accessories
- Brass jewellery like necklace, ear rings, bracelet, rings, bangles and brass buttons
- Various other precision machine components as per customers specification
- Pen parts



Figure 1: Jamnagar Brass Cluster

2.3 Type of operations in Brass Cluster

Brass units in Jamnagar cluster are majorly engaged in three different types of operations:

- Casting
 - Foundry
 - Extrusion
- Machining - turning, milling, grinding, drawing, boring, threading
- Electroplating

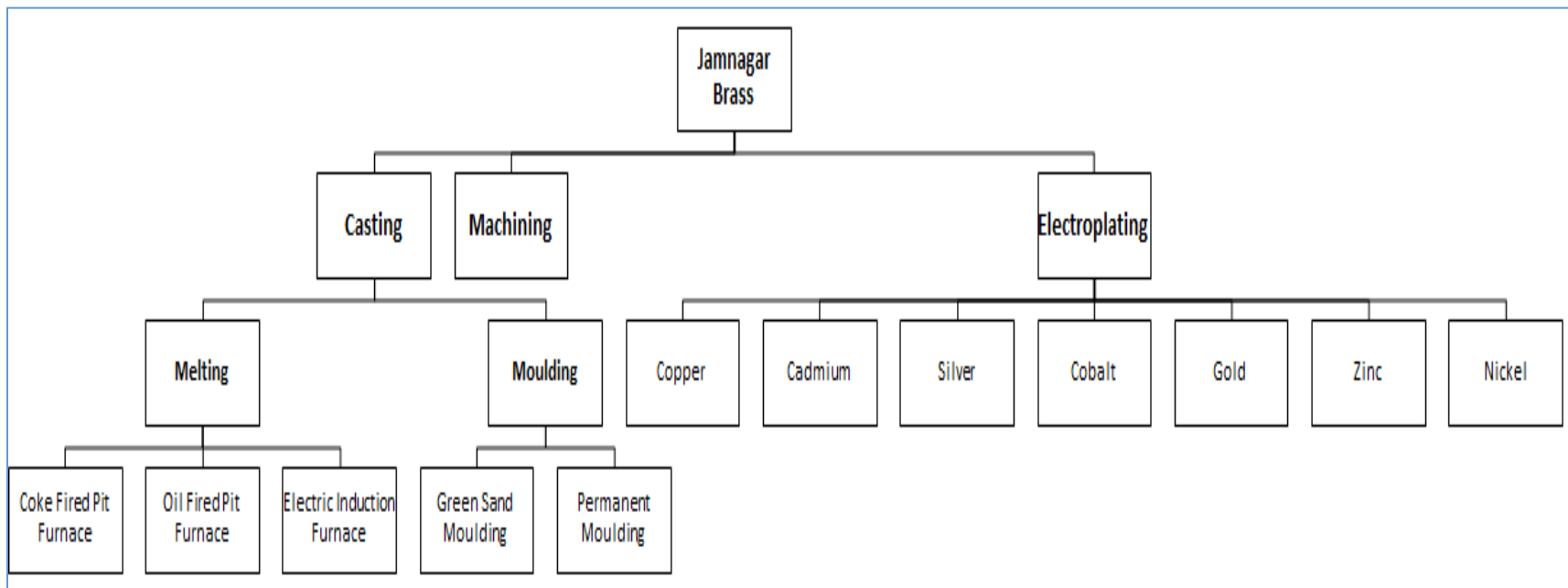


Figure 2: Major operations in brass units

2.4 Energy consumption in typical brass unit

In a typical brass unit major energy sources in manufacturing of brass parts are electrical and thermal energy. Electrical energy is being used in melting of brass in induction furnaces, operation of electrical utilities; while thermal energy is being used in brass melting operation and reheating applications. Typically, percentage of total energy consumption in different type of units in the cluster is presented in figure.¹

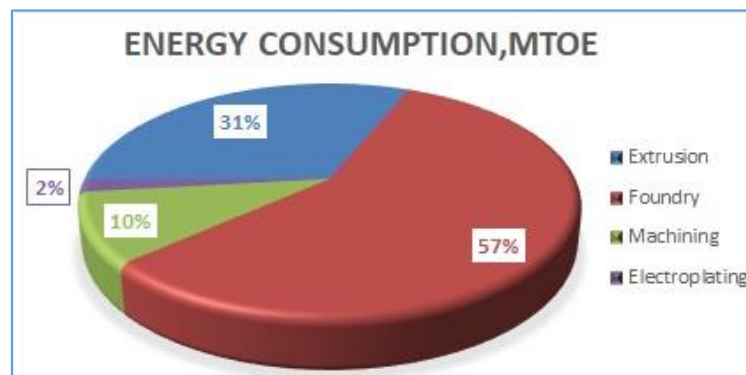


Figure 3: Typical Energy consumption in different type of units

¹ <http://www.dcmsme.gov.in/reports/Jamnagartexttile/ClusterSummaryJamnagarBrass.pdf>

3. MAPPING OF LOCAL SERVICE PROVIDERS

3.1 LSPs operation in Jamnagar brass cluster and their influence on energy efficiency

Local Service Providers are instrumental in influencing MSME units' journey towards sustained growth. LSP can be a firm or an individual providing the services to the units in order to run their operation smoothly and effectively. The services provided by the LSP can be a consultancy services, operation, repair & maintenance services, new installation and commissioning services. These services have a significant role in energy consumption of equipment's as they are major energy guzzlers and most of the energy cost of industries is due to these equipment's & utilities. So these people should have better knowledge in terms of best industry practices for energy use optimization and applications of renewable energy technologies. A well trained LSP will perform the job efficiently that would help industry to reduce their cost, increase competitiveness and will also lead to increase life of the equipment without degrading the quality of the product.

In Jamnagar brass cluster most of units are dependent on outside LSPs for small repair and maintenance activities like motor rewinding, insulation of furnaces, electrical panel repairing, electrical wiring of plants etc. Most of local service providers operate directly with plants whereas some of the local service providers have their sub vendors and through these sub vendors/dealers they operate with units. In addition this original Equipment Manufacturers (OEMs) also provide direct services to units for all the major equipment's like induction furnace, transformers, blowers, burners etc.

Typical operations of service providers in Jamnagar are as follows:-

- All major OEMS directly provide services to brass units
- Some OEMS in the cluster have sub vendors and these sub vendors provide service to brass units
- Small repair and maintenance activities are either done by local technicians from outside the plant.

3.2 Objective of Mapping

The objective of the mapping is to identify the LSPs based on the demand and supply needs local industries against available local service providers in the cluster and nearest locations. The LSPs were identified based on the major process and operations involved in the brass units of the clusters. The major utilities in each process where direct involvement of LSPs are following:

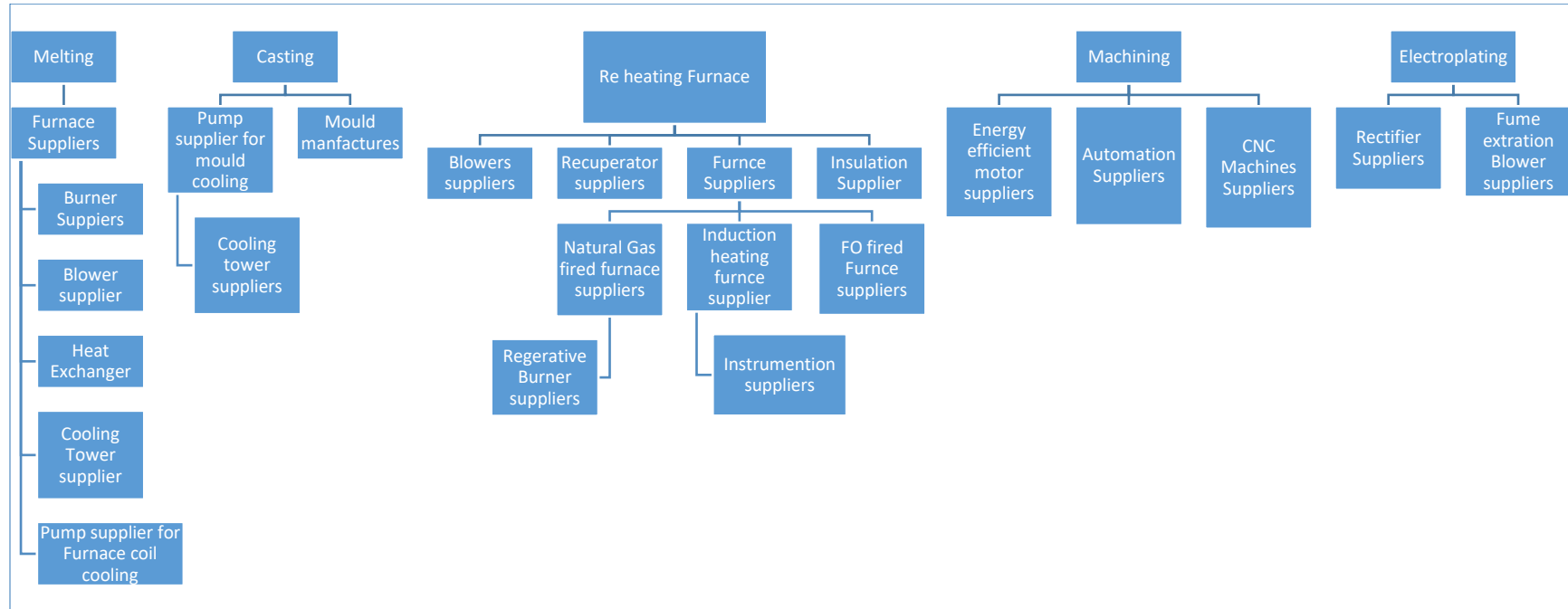


Figure 4 : Process wise Mapping

A 2-tier approach is adopted here for mapping the LSPs:-

- Tier 1 Category (Major OEMs): It includes all the major Original Equipment Manufacturer (OEMs), viz. Inductotherm, Electrotherm, Ingersoll Rand, Wesman etc.
- Tier 2 Category (Local service providers): It includes local service providers who provide local repair and maintenance activities like fabrication, motor repairing, reheating furnace modification etc.

Normally the Tier 1 category often benefit from international linkages and global OEM contracts based on their capabilities. Currently all the LSPs which are falling in the Tier 2 category are not updated with the recent technological developments and best operating practices as their exposure to global market and R&D is limited.

The major reasons for this is,

- Lack of operational competitiveness
- Huge gap on the existing skill set of employees
- Poor sustainable market linkage and gap in supply chain
- Competition from others providing same technology/service
- Lack of awareness of the latest technologies on EE/RE

The main objective of mapping is to create a data base for the existing LSPs in the cluster, to do a gap analysis in terms of technology & skills and to identify for newer LSPs.

A schematic of the mapping technique that were adopted in Jamnagar cluster, is as shown below:

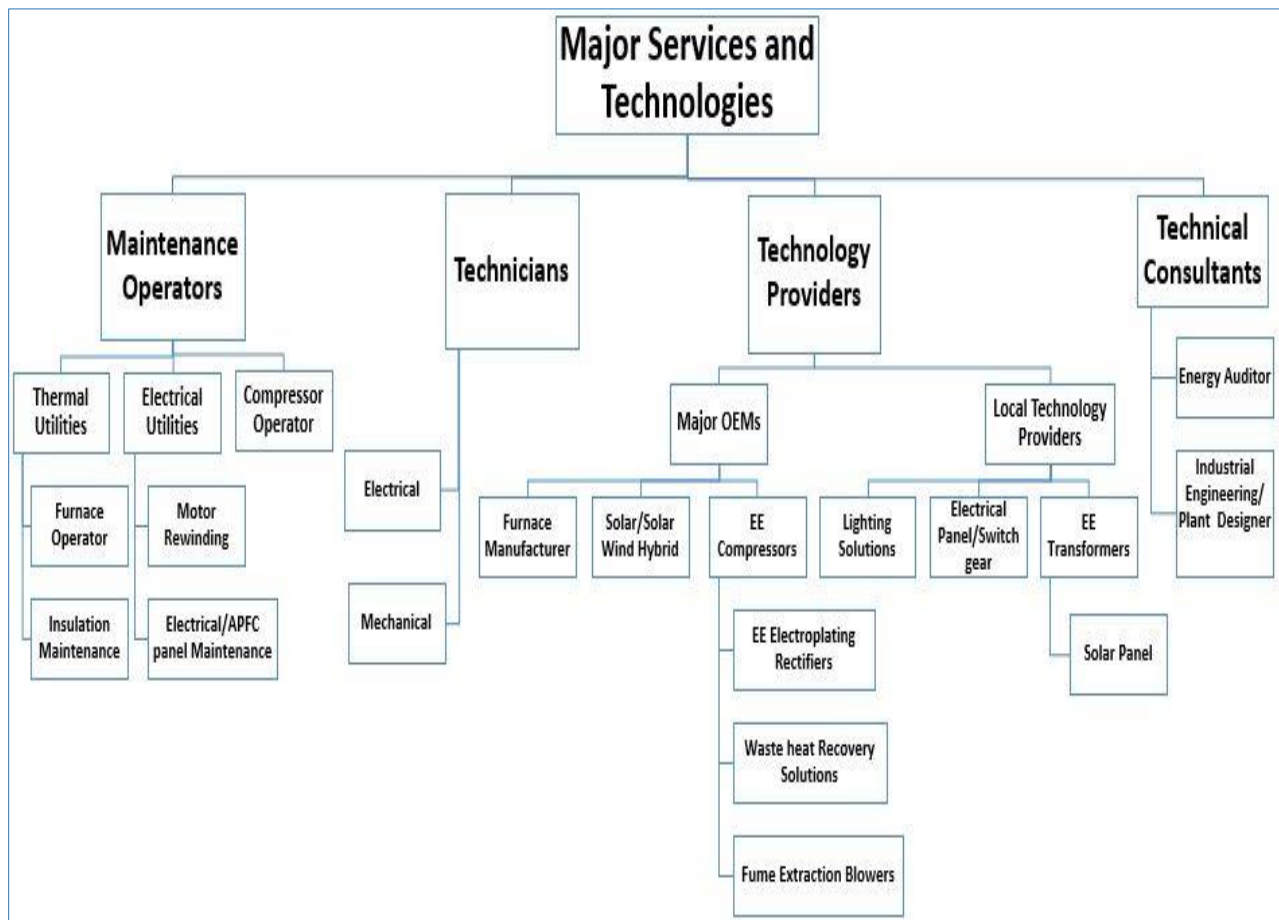


Figure 5: Mapping Tree of LSPs

3.3 Role of LSPs in Jamnagar Brass Cluster

Table 2: Role of LSPs

Category List		Role of LSPs	List of Local Service Providers
Plant Level	Energy Audit Agencies	Conduct energy efficiency studies and recommend ECON measures	<ul style="list-style-type: none"> • Q Power, Vadodara • Nifa Electronics Pvt Ltd , Ahmedabad
	Plant Designers	Provide project management services to design and build up brass units which include fabrications, erection of plant, equipments etc	<ul style="list-style-type: none"> • Alfa Electric Corporation , Jamnagar • Popular Enterprises, Jamnagar
Process Level	Melting Extraction Preheating Machining	Provides complete process solutions which govern the quality of products manufactured which includes automation, process loop modification etc	<ul style="list-style-type: none"> • Electrotherm,Rajkot • Micro Hydraulic Jamnagar • Panchasara Machine Tools
Equipment Level	Electrical Utilities <ul style="list-style-type: none"> ➤ Compressor ➤ Motors/Pumps ➤ Recuperator ➤ CNC Machines 	Provide regular repair & maintenance service of equipments, health check up, introducing new energy efficient technologies to cluster with respect to equipment.	<ul style="list-style-type: none"> • Indo Air Compressors • Urvashi Engineering Pvt Ltd. • Techflow Enterprises Pvt. Ltd. • Sujata Brass Industries, Jamanagar
	Thermal Utilities <ul style="list-style-type: none"> ➤ Furnce ➤ Burners ➤ Insulation 	Provide regular repair & maintenance service of equipments, health check up, introducing new energy efficient technologies to cluster with respect to equipment	<ul style="list-style-type: none"> • K. H. Traders, Jamnagar • Pioneer Furnaces Pvt Ltd. • Vardhman Insulations, Ahmedabad • Morganite Crucible (India) Ltd.
Operator Level	<ul style="list-style-type: none"> ➤ Welding ➤ Fabrication 	To provide basic engineering services like welding , fabrication, fitting etc with respect to equipment and sub equipments like tanks, silos, pipelines etc.	<ul style="list-style-type: none"> • Shree Mahalaxmi Electricals • Jay Electronics

* Detailed list of LSPs is given in the annexure.

3.4 Approach and Methodology

Local service providers in Jamnagar brass cluster mainly comprises of maintenance operators, technicians, fabricators, energy auditors, engineering consultants, plant design engineers and other people who frequently provide their services small repairs and maintenances.

CII has adopted following approaches to collect the information of LSPs and understand their needs based on demand of services required by the units in the cluster:

1. Inception meeting with the “Jamnagar Factory Owner’s Association” members and LSPs

CII had conducted an inception meeting at Jamnagar Factory Owner’s Association on 21st September 2017 with association President Mr. Tulasibhai Patel and other members to explain the various activities of the project and create awareness about the project among local service providers and understand the challenges of the cluster. We have received a positive response from the association president for supporting all our activities to promote energy efficiency and renewable energy in the cluster.

2. Stakeholder Kick off Awareness Workshop

CII organized a Stakeholder kick off workshop on 15th November 2017, inviting all the potential stakeholders like brass units, local service providers, technology suppliers/OEM and financial institution to create awareness about the project and understand the involvement and significance of different stakeholders in the project.

48 participants attended the workshop. The technology suppliers made detailed presentations to shares the best practices on existing system and energy efficient technologies available in the market. SIDBI had also made a presentation on EE/RE schemes of Government of India.



Figure 6: Stakeholders Awareness Workshop

We received positive feedback from the workshop and Jamnagar Factory Owners Association and units’ representative shared their challenges and needs in the cluster. And out of 48 participants 15 local service providers were also present in the workshop and we had a detail interaction with some of the LSPs regarding their crucial role in the project and understood their needs and challenges which can be taken up for consideration in the project.

The participants list, detailed agenda and sample feedback form are attached in annexure 1, 2 and 3.

3. Questionnaire to collect LSP information

CII has developed a questionnaire to collect basic information of local service providers in the cluster and met all the major local providers personally to collect the basic information and to understand their challenges in the cluster and the opportunities they can avail under this project.

These questionnaire forms have been attached in annexure 4.

4. OUTCOME OF LSP MAPPING

A comprehensive LSP data was collected through personal interaction and interaction during stakeholder workshops. We have analyzed the information and found following things about the local service providers of the clusters:

- Existing skill sets
- Employees strength
- Years of service
- Areas in which LSPs need training

Geographic Location

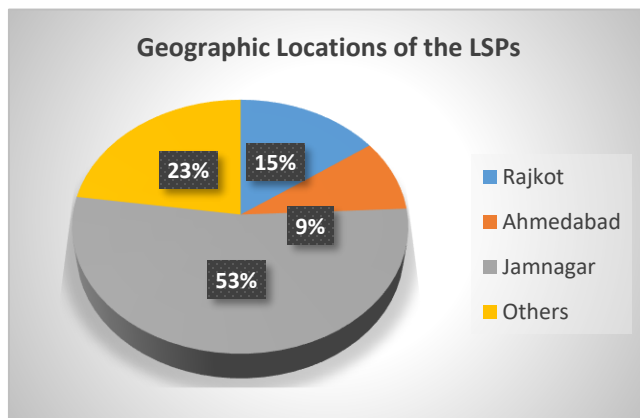


Figure 7: Geographic Location of LSPs

Most of the LSPs catering to brass units are located in Jamnagar. For the major energy consuming equipment's like Furnace, blowers, air compressor etc. plants are dependent upon the OEM's which are spread across the Gujarat through their local channel partners' network. Another location where the concentration of LSPs is more is Rajkot as it is an industrial belt.

Skill Set

In Jamnagar Cluster, the skill set of 60% of LSPs on existing technologies and operations is low. This is mainly due to fact that most of the LSPs are small in size and during the field survey to brass units, almost all the maintenance related activities in the plant are carried out by diploma and hands on experience people. Only about 33% fall in medium category which includes few motor rewinders, mechanical repair and maintenance operators of utilities.

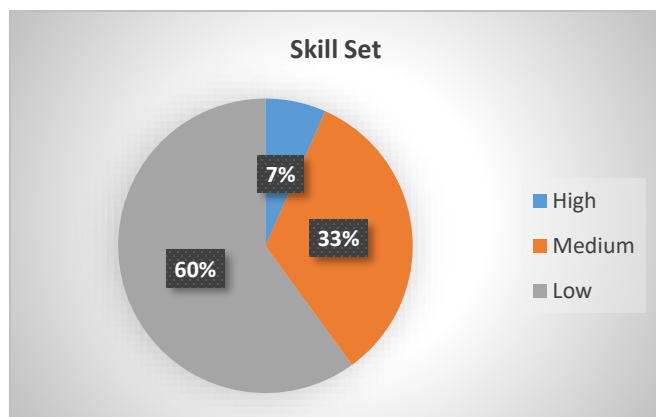


Figure 8: Skill Set of LSPs

Employee Strength

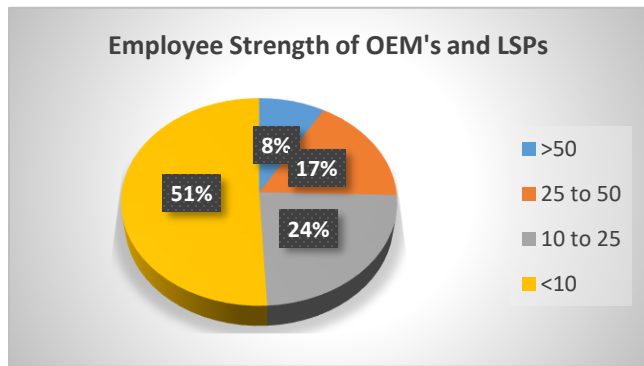


Figure 9: Employee Strength of LSPs

Majority of the LSPs in the cluster are small players with average number of employees strength less than 10 people. However the role of OEMs in the cluster is also significant as all the major critical equipment's for process as well as for utilities are supplied directly by OEMs and some of them have more than 50 people as their employee's strength.

Educational Qualification

Most of the stakeholders who participated in the survey have very basic technical background. Local service providers and the employees of brass units in the cluster have a mix of graduates, diploma holders and uneducated people having practical hands on experience. The survey helped us in identifying various gap towards advancements in latest EE/RE technologies.

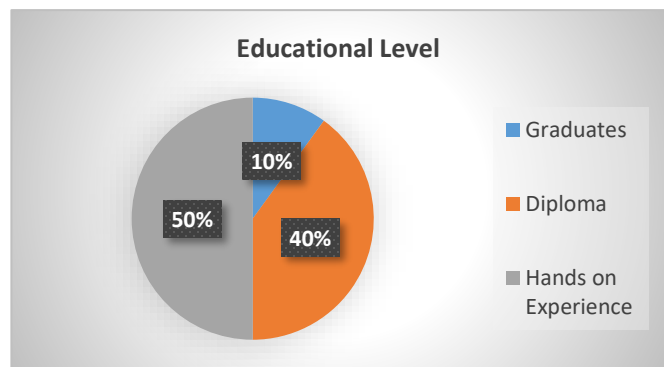


Figure 10: Educational Qualification of LSPs

Classification of LSPs based on services

LSPs are classified in Jamnagar based on the type of services offered by them as below:

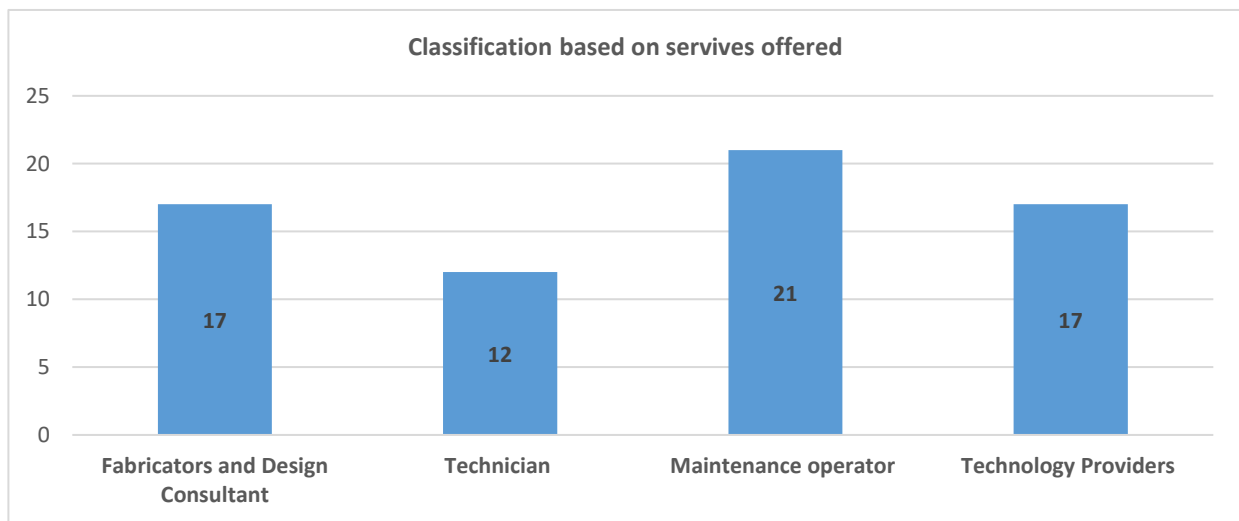


Figure 11: Classification based on services

Based on the LSP data analysis and demand –supply needs of the services in the cluster, SWOT analysis was done for the local service providers:

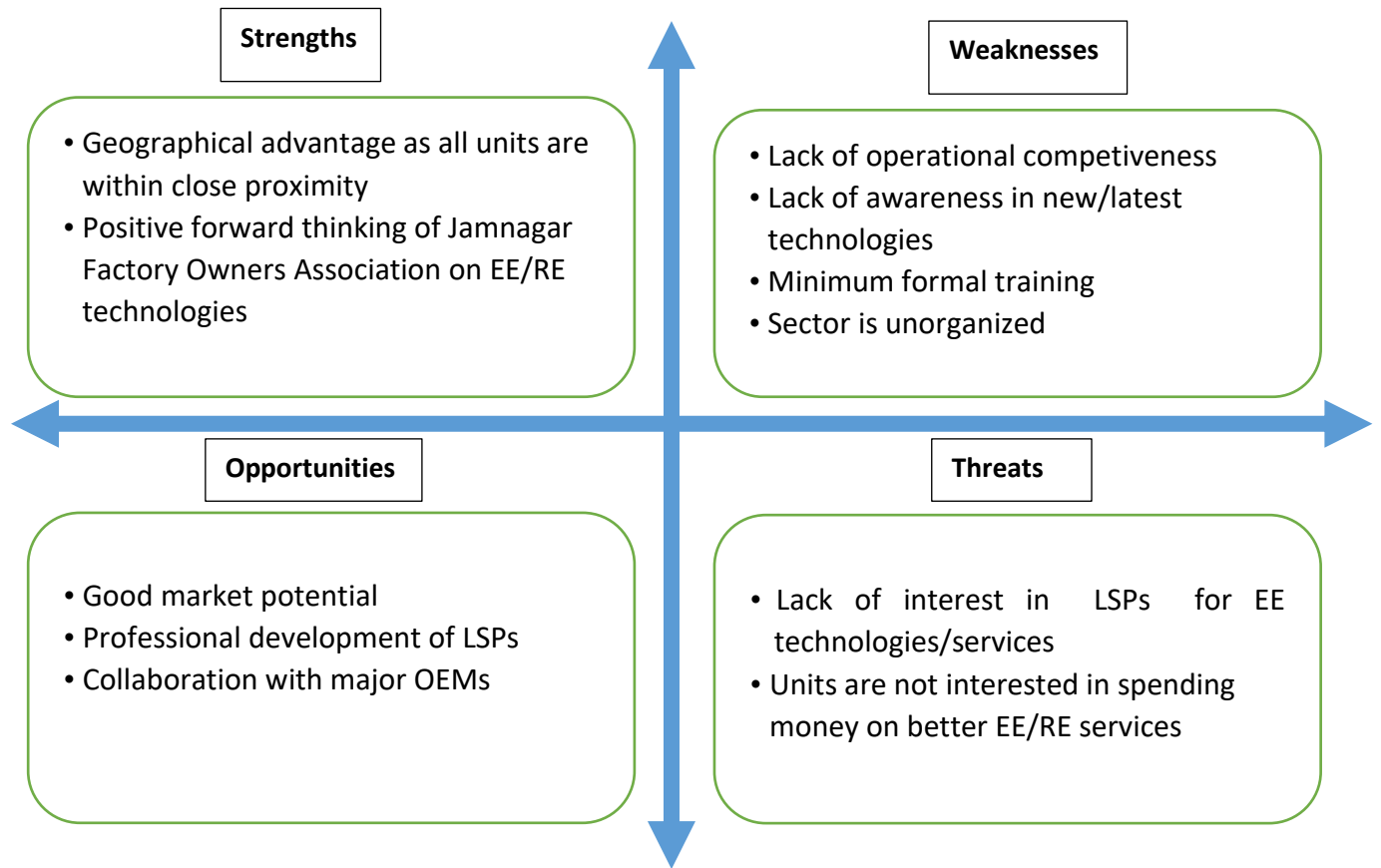


Figure 12: SWOT Analysis

5. ANNEXURE

Annexure 1: List of Participants



Capacity Building of Local Service Providers Stakeholders Kick Off Workshop

Date: 15th November 2017 | Venue: Jamnagar Factory Owner's Association Office

List of Participants					
S.NO	Name	Company/Plant	Email Id	Mobile No.	Sign.
1	Dipak Umeshbhai		deepak@industrial@ymail.com	9829582687	A. J. K.
2	Dhanu Bhuladras	Ramsi Electro	dhanu.85@rediffmail.com	9358879713	S. K. K.
3	Kishor Kulkarni	JFOA	kishor.gola@rediffmail.com	9829582687	
4	Suresh P. Muppara	Starline Enterprises	gs@starline-enter.com	9355202416	
5	Ramnik P. Akari	Woodgrip Ind Pvt	info@woodgrip.com	9829097153	M. K.
6	Ushabhi Gajrani	JFOA		932910-592	
7	ASHWIN BHATT	Ta. Electronics	ashwin@taelectronics.com		
8	Parash V. Mehta	Rajkumar Metals	pm@rajkumar.com	9829582687	P. V.
9	Manoj H. Patel	TOA M CO		9829582687	M. H.
10	Nitesh Bhatt	TRISTRONK	niteshbhatt@tristronk.com	9469131370	N. B.
11	Shamud Sanghani	Shree Ghanshi	Sales@shreeghanshi.com	9727672717	
12	Vijal Madhusudan	Arun Udyog	vijal@arunudyog.com		V. M.
13	Rehif Kothari	VARDHMAN'S	rekhif@vardhman's.com	9427210611	R. K.
14	Ashok D. Kothari	Kothari Sales	ashok.kothari@rediffmail.com	9426203801	A. D.
15	PARAS DARA	DARA PARAS D.	Parash.dara@gmail.com	9099025095	P. D.
16	Manish Kumar	Shakti Auto Metal	manishkumar@shakti.com	9925242441	M. K.
17	VIJAY CHATRA	Shubham Enterprises	shubham@shubham.com	9099086666	V. C.
18	CHHABAT CHHABATIA	Accurate Eng Work	CHHABAT@accurate.com	9427226572	C. C.
19	Jayesh B. Jethwa	Prasad Aluminium	Jayesh.jethwa@gmail.com	9829582687	J. B.
20	Milan B. Parodi	Metalab	milan@metalab.com	9866651286	M. B.
21	Sanil M Patel	Ind. L.	sanilpatel@industrial.com	9429662113	S. M.
22	Sangam C. S.	Sengam Metal	maintenance@sengam.com	9898266695	S. C.
23	Sangam R. Jain	ATLAS METAL	raj@atlasmetal.com	9925232235	S. R.
24	K.R. Sabharwal	ASHOK EXTRU	kr@ashokextrusion.com		K. R.



Confederation of Indian Industry

Capacity Building of Local Service Providers Stakeholders Kick Off Workshop

Date: 15th November 2017 | Venue: Jamnagar Factory Owner's Association Office

List of Participants					
S.NO	Name	Company/Plant	Email Id	Mobile No.	Sign.
25	J. R. Sasthri	ASHOK B. SRE. MAULI		9429115971	[Signature]
26	A. J. Jotampura	E. h. s. consult	aj - ekm @ yahoo	995820449	[Signature]
27	Pravin Mujibhai Patel	T. P. Electricals	jpate3150@gmail.com	9824533884	[Signature]
28	DOM RA. MAHENDRA B.	Railash Elec. store	Railash 7.23.48	9824244181	[Signature]
29	Rohit Shah	Atomberg		9980998600	[Signature]
30	Kazshik. Manin.	PK Engg.	Prakashk@gmail.com	9825266522	[Signature]
31	PARISH VADHAR	JAY ZONE	sales@jayzone.in	9825266522	[Signature]
32	Bhargav V. Darda	R. V. Darda's	davadyb@	9898041874	[Signature]
33	E. Avadhutti	Anupam Enab	avadhutti@gmail.com	9913604355	[Signature]
34	Keyur Khattar	Venus Bhanotech	keyur@venusbhanotech.com	7873387819	[Signature]
35	Ravi Sonuwar	Electrotherm	ravi.sonuwar@electrotherm.com	9909963241	[Signature]
36	Nitin Kase	Electrotherm	nitin.kase@electrotherm.com	8390525488	[Signature]
37	Ajay Patel	Electrotherm	ajay.patel@electrotherm.com	9099556397	[Signature]
38	Kalpesh Chauhan	"	kalpesh.chauhan@electrotherm.com	982110061	[Signature]
39	Dilip Madhenc	P. R. A	srachikot@PRA	9099720362	[Signature]
40	Vasanth Girani	J. F. U. A		9409501564	[Signature]
42	Pravin Vyas	-		9825420888	[Signature]
43	Gajendra Badgal	Rotomotive Power	gbadgal@rotomotive.com	9373511911	[Signature]
44	Jitendra Parakh	Q Power	info@qpower.in	9978977400	[Signature]
45	Rajendra Parakh	Q Power	info@qpower.in	9978977400	[Signature]
46	Dinesh	CII	delish@ciin	9824533884	[Signature]
47	Jasbir Singh	CII	"	931109313	[Signature]
48	Vishnu P	CII	"	"	[Signature]

Annexure 2: Agenda of Kick of Workshop

Capacity Building of Local Service Providers Stakeholders Kick Off Workshop

Date: 15th November 2017 | **Venue:** Hotel Celebration, Indira Gandhi Marg, Near Gurudwara circle,
Jamnagar

Agenda

1600 hrs – 1655 hrs: Opening Session		
1600 hrs	Welcome Remarks	Mr. Tulasi Bhai President Jamnagar Brass Factory Owner's Association
1610 hrs	Description of LSP Project	Mr. Dinesh Ghai Senior Counsellor CII – Godrej GBC
1640 hrs	Activities in Brass Cluster	Mr. Samir Patel Cluster Leader GEF-UNIDO-BEE Project
1655 hrs – 1715 hrs: Presentation by Financial Institution		
1655 hrs	EE & RE schemes for MSMEs	Mr. Jitendra Jain Small Industries Development Bank of India
1715 hrs	Health Break	
1740 hrs – 1900 hrs: Offerings by Technology Suppliers and Best Practices		
1740 hrs	New Energy efficient furnaces	Electrotherm India Ltd
1800 hrs	Energy efficient motor	Rotomotive Powerdrives India Limited
1820 hrs	Energy Efficient Fans	Atomberg
1840 hrs	Solar Wind hybrid system	Windstream technologies
1900 hrs	Best Practices for Energy Efficiency in Furnaces	CII-Godrej GBC
1920 hrs – 2000 hrs: Way Forward		
1920 hrs	Interactive Session on requirements, Discussions and Agreement on way forward	
1940 hrs	Dinner	
2000 hrs	Close	

Annexure 3: Sample feedback form



Confederation of Indian Industry

Capacity Building of Local Service Providers Stakeholders Kick Off Workshop

Date: 15th November 2017 | **Venue:** Hotel Celebration, Indira Gandhi Marg, Near Gurudwara circle, Jamnagar

Feedback Form

1. **Plant/Unit Name:** Thiobronck systems.
2. **Name of the Person:** ASHWIN KUMAR BHATT.
3. **Overall Usefulness of the programme**




<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	4	3	2	1
Excellent	Very Good	Good	Average	Poor
4. **Feedback / Usefulness of Technologies sharing Presentation:** Q Power,
Radio Energy provided.




<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	4	3	2	1
Excellent	Very Good	Good	Average	Poor
5. **Technology supplier/Technologies which in your opinion, can be incorporated in your next workshop based on the programme**
Least 25 years.
Local service provider for Electronics
COMPUTER, CCTV Renewable Energy.
6. **Ideas learned during workshop**
Very good idea about
Local service provider. solar power
Renewable. Engineer is need of
Industries
7. **Your comments and suggestions for further Improvement of future technology supplier/Training workshop**
Very organisation.
Well arrangements. kindly change.
Solar Renewable Energy
work shop.


Please tick your choice

shwinjbhatt@gmail.com M:- 9426229400

Annexure 4: LSP Data Collection form


 <p>Rupesh Detroja +91 98250 85442 Sunil Makadia +91 98252 12462</p> <p>www.alfainv.in</p>		 	
Format for Jamnagar Brass Cluster			
Address		(SP) UMA Powertronics Pvt Ltd (Alfa) Jamnagar	
Contact Person Name		Rupesh Detroja	
Designation			
Mobile No		9825065442	
Email ID		-	
No of years in existence		- 15	
No of Employees currently working		10	
Technology/ Service Provided		ups, inverter & Rectifiers	
Name of the Units served by the LSP		electroplating type	
Existing Skills of the employee		-ITI/Diploma	
Areas in which training is required		Rectifier new market to replace old one with thyristor IGBT based technology.	


  	
<p>Rotomotive Powerdrives India Ltd. <small>अहमदाबाद क्षेत्रातील कार्यालय</small> Regional Office: 14, Shrikiller Bungalows, Nr. Mansarovar Towers, Nr. Arjan School, Niram Cross Rd. PO. Vastrol, Ahmedabad - 382 418 Tel./Fax No. + 91 - 79 29093837 www.rotomotive.com</p>	
<p>Gajendra Bodgal Area Sales Manager + 91 93775 11911 g.bodgal@rotomotive.com</p>	
<p>Format for Jamnagar Brass Cluster</p>	
ISP)	Rotomotive Powerdrives India Ltd
	Ahmedabad
Contact Person Name	Gajendra Bodgal
Designation	Manager
Mobile No	9377511911
Email ID	g.bodgal@rotomotive.com
No of years in existence	
No of Employees currently working	
Technology/ Service Provided	power drives, VFDs & servo motor solution
Name of the Units served by the ISP	All machining units
Existing Skills of the employee	ITI / diploma & certificate
Areas in which training is required	- New units to replace old motors & market for servo drives



Triotronic Systems
Computer Dealer, Sales & Service

Ashwin J. Bhatt
Nilesh J. Bhatt
+91 94262 29400
+91 84269 13150
triotronic@gmail.com
216, Siddhant Shopping Centre,
Nr. Jolly Bungalow, Summer Club
Road, Jamnagar - 361002,
Tel. : 0289-2675255





Confederation of Indian Industry

Format for Jamnagar Brass Cluster	
LSP)	Triotronic Systems
Address	Jamnagar
Contact Person Name	Ashwin J Bhatt
Designation	-
Mobile No	9426229400
Email ID	triotronic@gmail.com
No of years in existence	5
No of Employees currently working	4
Technology/ Service Provided	- AMC, Solar Rooftop Services
Name of the Units served by the LSP	AEU types
Existing Skills of the employee	→ AMC of different type of electronic m/c like UPS, printing m/c & Solar panel
Areas in which training is required	Solar UPS & SPV System

Rahul Pathak
 Director
 Cell : +91-9881001342
 E-mail : rpathak@bloomeng.com



Bloom Combustion (I) Pvt. Ltd.
 Sr. No. 78/1, Shed No. 2, Shantilal Industrial Estate,
 Shivajinagar, Tal. - Havali, Pune - 411 023. Telefax : +9120 25293682.
 H. Q. : 5460, Horning Road, Pittsburgh, PA 15236 U. S. A.
 www. bloomeng.com

Format for Jamnagar Brass Cluster

	Bloom Combustion India
	Pune
Contact Person Name	Rahul Pathak
Designation	Director
Mobile No	9881001342
Email ID	rpathak@bloomeng.com
No of years in existence	30
No of Employees currently working	5 (India)
Technology/ Service Provided	Business (Energy efficient)
Name of the Units served by the LSP	
Existing Skills of the employee	→ Graduate / Diploma → Marketing (MBA)
Areas in which training is required	Need support from units in Jamnagar for conducting feasibility study.

Bhavesk Khandhar
09426818727
07600618737



NARESH STEEL CREATION
TOOLS & ALLOY STEEL

Plot No. 407, G.I.D.C. Phase 2, Near Patel Chowk, Dared, JAMNAGAR - 361 004,
Ph. : 0288 - 2730618

E-mail : nsc8737@gmail.com

Tushar Khandhar
09426208737



Confederation of Indian Industry

Format for Jamnagar Brass Cluster

SP)	Tushar Khandhar
Contact Person Name	
Designation	
Mobile No	9426208737
Email ID	nsc 8737 @ gmail . com
No of years in existence	50 years
No of Employees currently working	5
Technology/ Service Provided	ALLOYS STEEL
Name of the Units served by the LSP	ENTR. & machine TOOLS
Existing Skills of the employee	Cutting of steel, loading unloading,
Areas in which training is required	Cutting machine, Repair, loading unloading repair



KAILASH ELETRIC
Shankar Tekri, G.I.D.C. A-42, Jamnagar.
Ph. : 288-2561797




Format for Jamnagar Brass Cluster

SP)	<i>Amrutha Kailash electric</i>
	<i>Shankar Tekri, Jamnagar</i>
Contact Person Name	<i>Mahendra Bhai Patel</i>
Designation	
Mobile No	<i>9824244148</i>
Email ID	
No of years in existence	<i>20</i>
No of Employees currently working	<i>6</i>
Technology/ Service Provided	<i>motor rewinding & electrical wiring</i>
Name of the Units served by the LSP	<i>300 units in Brass cluster</i>
Existing Skills of the employee	<i>Graduate (BAUB) → Diploma (Experience) → 25 years of Exp.</i>
Areas in which training is required	<i>→ Training in IESL i.e. y motor Rewinding</i>

ELECTRIC STORES


[Signature]




AN ISO 9001:2008 CO.

Provinbhai Patel
9824283894

vinb3162@gmail.com








Confederation of Indian Industry


Format for Jamnagar Brass Cluster

J.P. ELECTRICALS	SP)
G.I.D.C. - 1, K-1-238, Jamnagar.	J.P. Electricals
Address:	Jamnagar
Contact Person Name	Provinbhai Patel
Designation	-
Mobile No	9824283894
Email ID	
No of years in existence	40
No of Employees currently working	4
Technology/ Service Provided	Panel design Electrical consultant for Brass industry
Name of the Units served by the LSP	22 units served → 30 units in LT connection
Existing Skills of the employee	→ BTI wireman (Employee) → Graduate
Areas in which training is required	→ Panel design & solar → Electrical wiring

Pro Patel


J.P. ELECTRICALS
Plot No. 378/2, G.I.D.C.-1,
JAMNAGAR



 <p>Technology Always for an Immortal</p> <p>Dhruv Panchasara M. : 91 7600 370887</p>		  <p>Confederation of Indian Industry</p>	
<p>4, Bhoomi Appr., Holi Chakla, Gomtipur, Ahmedabad - 380021. Email : info@immortalinnovation.com Web : www.immortalinnovation.com</p>		<p>Format for Jamnagar Brass Cluster</p>	
SP)	<p>IMMORTAL INNOVATION, AHMEDABAD (JAMNAGAR DISTRICT)</p>		
Contact Person Name	DHURUV PANCHASARA		
Designation	DIRECTOR		
Mobile No	+91- 7600370887		
Email ID	Panchasara.dhruv@gmail.com		
No of years in existence	3		
No of Employees currently working	3		
Technology/ Service Provided			
Name of the Units served by the LSP			
Existing Skills of the employee	<ul style="list-style-type: none"> - PLC PROGRAMMING - SCADA - HMI PROGRAMMING - AUTOMATION PRODUCTS 		
Areas in which training is required	<ul style="list-style-type: none"> - AHMEDABAD - JAMNAGAR - SURENDRANATHR - VADODARA - MORBI 		



R.R. Machinery & Hardware Stores


Kamlesh Bhandari
0288 2506188
99242 48363 | 99748 49823
rrmachinery_2007@yahoo.com
www.rrmha.com






Confederation of Indian Industry

Format for Jamnagar Brass Cluster	
LSP)	R.R. Machinery & Hardware Stores
Address	Gr. IDC, Shantneri Tekari, Haribhai's vadi, Plot-1, Jam.
Contact Person Name	Kamleshbhai
Designation	Trading / Marketing
Mobile No	93749 49323 / 89809 18947
Email ID	rrmachinery_2007@yahoo.com
No of years in existence	10 Years
No of Employees currently working	5
Technology/ Service Provided	Auto dealers of SKF, Continental, Impel- motors,
Name of the Units served by the LSP	S-stair, Accurate, Setag, SH machine. etc
Existing Skills of the employee	Power measurement. Energy Audit.
Areas in which training is required	IE4 Induction motor, Solar Panel, Pumps.



  	
Format for Jamnagar Brass Cluster	
Sl. No.	P)
Address	DAVE NAIMESH JAGDISHCHANDRA K/1-247 Shankar tekari Phase I
Contact Person Name	DAVE NAIMESH J.
Designation	Owner
Mobile No	9328809827
Email ID	dave.naimesh@yahoo.com
No of years in existence	Since 2003 / 14 years
No of Employees currently working	05
Technology/ Service Provided	
Name of the Units served by the LSP	Silcarb crucibles
Existing Skills of the employee	
Areas in which training is required	No



LSP Data Collection Format for Jamnagar Brass Cluster

Name of the Local Service Provider(LSP)	Dev Electric
Address	482, Patel Chowk, GEIDC Ph-2 Dared, Jamnagar
Contact Person Name	Mr. Vijay Gamatra
Designation	
Mobile No	9099708666
Email ID	gamatra.vijay.02@gmail.com
No of years in existence	6 year
No of Employees currently working	1
Technology/ Service Provided	Panel repair, motor rewinding, pneumatic product sales
Name of the Units served by the LSP	IS BUS
Existing Skills of the employee	Power measurement, Control panel wiring
Areas in which training is required	VFC drive, PLC logic general information, servo stepper motor, IE-4 motor, BLDC fan, Panel manufacturing

Vijay

Pramodbhai Panchasara
 Nimesh P. Panchasara
 Amit P. Panchasara

M. 99254 05032
 M. 99799 10671
 M. 99251 18507



Confederation of Indian Industry



Manufacture of :
 All Kinds of Extrusion Plant Machinery



Shed No. 376, Shanker Tekri, Udyognagar,
 Jamnagar-4, (Guj.) INDIA
 Ph. : 191-288-2560171 E-mail : nimesh_company@yahoo.co.in
 Website : www.panchasaramachinery.com

Format for Jamnagar Brass Cluster

iP)	Panchasara Machine tools
Address	Jamnagar
Contact Person Name	Nimesh P. Panchasara
Designation	-
Mobile No	9979910671
Email ID	nimesh_company@yahoo.co.in
No of years in existence	13
No of Employees currently working	5
Technology/ Service Provided	→ Extrusion Plant Machinery
Name of the Units served by the LSP	→ extrusion plant (70% units)
Existing Skills of the employee	→ ITI / Diploma → (18 years)
Areas in which training is required	→ Fitting & turning & welding




Panchasara Machine Tools

Nimesh P.P. Proprietor



LSP Data Collection Format for Jamnagar Brass Cluster	
Name of the Local Service Provider(LSP)	Mr. Ashvin Babariya
Address	Jamnagar
Contact Person Name	
Designation	
Mobile No	98242 22099
Email ID	
No of years in existence	20 years.
No of Employees currently working	
Technology/ Service Provided	Panel installation, House wiring, Industry wiring.
Name of the Units served by the LSP	
Existing Skills of the employee	ITI wireman
Areas in which training is required	

25/04/2024

<p>Jitendra Parikh 099789 77900 B.E. Mech. (Automation), Energy Audit Jitendra Parikh 099040 82381</p> <p>Vishakhara 506, Tower Mayfair Corporate Park Akshay Talwar, 40 mbs Road, Bih. Dehi Public School Akshay Vihar, 301 012 M. 093272 45559</p> <p>Shreebh D-501, Semarth Garden Complex Dull Mandir Road, Off L.B.S. Marg, Brundarwadi, Mumbai - 400 078 M. 098239 81258</p>	 <p>QPOWER Transforming The Transmission</p>			Confederation of Indian Industry
Format for Jamnagar Brass Cluster				
(P)		m/s. J of Power 108- Ramyoni com. complex Gandol Road, Barket		
Contact Person Name	m/s. Jitendra L. Parikh			
Designation				
Mobile No	99789 77900			
Email ID	info@qpower.co.in			
No of years in existence	10 Years.			
No of Employees currently working	5 Years.			
Technology/ Service Provided	Energy Audites, Automation, Installation Automation panel, Trunking & Retrofit Solution.			
Name of the Units served by the LSP	Machine tools, jinning, Textiles, Plastics, foundries.			
Existing Skills of the employee	Engineers.			
Areas in which training is required	more Business opportunity.			



Kaushik Maniar

Ph: 9825266522
maniar@gnail.com



Confederation of Indian Industry







Diodes, Tubing, Capacitors, L.S., C.I.T. from Jamnagar

"Gandhi", 28-B, Gayashila Plot, Sarda Section Road, Jamnagar (Guj) India

Format for Jamnagar Brass Cluster

(LSP)	PK Engineering
Contact Person Name	"Gandhi" 28-B, Gayashila Plot, Sarda section Road, Kaushik Maniar
Designation	
Mobile No	9825266522
Email ID	prashuk@gmail.com
No of years in existence	22 year
No of Employees currently working	7
Technology/ Service Provided	Electrical Consultancy Extension plant consultancy
Name of the Units served by the LSP	Approx 40
Existing Skills of the employee	Diploma Electrical
Areas in which training is required	

K. Maniar

 મો. - ૯૯૨૫૧ ૫૨૯૨૩ ફોન : (ઓ) ૯૨૮૮-૨૫૬૦૦૨૧				 Confederation of Indian Industry	
ડીલર : ધીરજ સેલ્સ કોર્પોરેશન ૪૦૨, ઉદ્યોગનગર, શંકર ટેકરી, જામનગર.		Form for Jamnagar Brass Cluster			
		p) Dhiraj Sales Corporation			
		Plot No. 102 Shankar Tekari, Jamnagar.			
Contact Person Name	Mr. Biju Patel				
Designation					
Mobile No	99251 52023 Landline - 0288-2560021				
Email ID	dhirajelectrical@yahoo.com				
No of years in existence	12				
No of Employees currently working	2				
Technology/ Service Provided	Sales of Amber & Copper ton & Brass motor				
Name of the Units served by the LSP	1200 Nos of brass mch.				
Existing Skills of the employee	IT I Electrical				
Areas in which training is required	IE-H				
DHIRAJ SALES CORPORATION  PROPRIETOR					



Confederation of Indian Industry

LSP Data Collection Format for Jamnagar Brass Cluster	
Name of the Local Service Provider(LSP)	VARIETY TRADING COMPANY
Address	229, GIDC Phase-2 Near Steel Extension, Jamnagar
Contact Person Name	G.P. MATHUR
Designation	Proprietor
Mobile No	9574271314
Email ID	varietytradingcompany30@gmail.com
No of years in existence	9
No of Employees currently working	3
Technology/ Service Provided	Billet heating System. Rotary firing.
Name of the Units served by the LSP	Extension Plant
Existing Skills of the employee	Diploma Engineer.
Areas in which training is required	Energy efficiency.

G.P. Mathur



LSP Data Collection Format for Jamnagar Brass Cluster	
Name of the Local Service Provider(LSP)	Piyush Sanchaniya
Address	Jamnagar.
Contact Person Name	Piyush Sanchaniya
Designation	Pi
Mobile No	94289 88 549
Email ID	—
No of years in existence	12 year.
No of Employees currently working	
Technology/ Service Provided	Installation & Commissioning of wiring, MCC-PCC, PLC
Name of the Units served by the LSP	Brass units Rajhans metals Abhi metal
Existing Skills of the employee	PLC Programing.
Areas in which training is required	PLC Programing

પ્રિયુષ સંચાણિયા



Jet Industries
Material Handling & Packaging Solutions




Office: Hudco Quater, Dighi Nagar Main Road, Kutherya Road, Rajkot.
E-mail: jetindustries03@gmail.com
Bhupat Patel | 098240 36885
Anil Patel | 090339 05673



Format for Jamnagar Brass Cluster

	P) Jet Industries Rajkot (Gujarat)
Contact Person Name	Bhupendra G. Bariga / Jaydeep
Designation	Service Engineer
Mobile No	9824026885 / 9408612608
Email ID	jetindustries03@gmail.com
No of years in existence	5
No of Employees currently working	6
Technology/ Service Provided	Hydraulic weight lifting (Material handling), Battery operated
Name of the Units served by the LSP	→ AME International → Senco metal → Precision Bless
Existing Skills of the employee	→ Diploma
Areas in which training is required	→ Hydraulic Material Handling

NIKHIL BHAI
DIRECTOR TECHNICAL
9824507960
nikhil@nifaelectronics.com

Confederation of Indian Industry

on Format for Jamnagar Brass Cluster



Provider(LSP)	NIPA Electronics Pvt Ltd
	Ahmedabad
Contact Person Name	Nikhil Shah
Designation	Technical Director
Mobile No	9824507960
Email ID	nikhil@nifaelectronics.com
No of years in existence	20
No of Employees currently working	2
Technology/ Service Provided	→ PCB panel, → Energy consultant → HMI/ industrial automation
Name of the Units served by the LSP	All types of units
Existing Skills of the employee	→ panel design → Energy Audit → Power quality & measurement
Areas in which training is required	-

પરિશ્રાવણી પી. મહેતા 98245 12512

રોનાક

ઇલેક્ટ્રીકલ્સ

મોનોબ્લોક પમ્પ, વિકલ્પ, મોટર રીપેરિંગ-ડીન કરનાર
 ડીમજ ઇલેક્ટ્રીકલ્સ બગલુ રોડ પ્રકાશનું કામ કરનાર
 તથા રોડ પ્રકાશનો ઇલેક્ટ્રીક પાલક ગ્રામાન રેવિન્યાર
 ૫૮, દિગ્વીજય પ્લોટ, અંજલી વિડીયો પાસે, જામનગર ☎ : (0288)2564424

Confederation of Indian Industry

Format for Jamnagar Brass Cluster

	(LSP) Ronak Electrical
Address	58, Digvijay Plot, Nr. Anjali Cinema Jamnagar
Contact Person Name	Mr. Pravin P. Mehta
Designation	-
Mobile No	98245 12512, 0288-2564424
Email ID	-
No of years In existence	24 years
No of Employees currently working	3
Technology/ Service Provided	motor rewinding, factory wiring & electrical work (commercial) Monoblock Pump repair.
Name of the Units served by the LSP	70 Nos.
Existing Skills of the employee	B.E (Electrical)
Areas in which training is required	Electrical Panel, IE-4 motor



INDUCTOTHERM GROUP INDIA

Inductotherm (India) Pvt. Ltd.
 Plot No. SK 6, Road No. 11
 Sanand II Industrial Estate, DCL Village,
 Sanand, Ahmedabad - 382170
 adhokas@inductotherm-india.com

Tel : +91 2712 621000
 Cell : +91 98281 36153
 Fax : +91 2712 621111
 www.inductotherm-india.com

DINESH DHOLAKIA
 Manager - Customer Care & Training



Confederation of Indian Industry

Format for Jamnagar Brass Cluster

Cluster(LSP)	Inductotherm
	Ahmedabad
Contact Person Name	Dinesh Dholakia
Designation	-
Mobile No	93761-90153
Email ID	adhokas@inductotherm-india.com
No. of years in existence	-
No. of Employees currently working	-
Technology/ Service Provided	Induction furnace
Name of the Units served by the LSP	All types of melting units
Existing Skills of the employee	Diploma / Graduate
Areas in which training is required	- need promotion in the cluster



LSP Data Collection Format for Jamnagar Brass Cluster	
Name of the Local Service Provider(LSP)	Hasmukhbhai kumbhakarane
Address	Jamnagar.
Contact Person Name	
Designation	
Mobile No	878 073 1079
Email ID	
No of years in existence	
No of Employees currently working	
Technology/ Service Provided	motor rewinding & Panel Installation.
Name of the Units served by the LSP	Brass units.
Existing Skills of the employee	
Areas in which training is required	

સમગ્રમુખ્યમંત્રી

Rohitbhai Kothari
 Cell : 9427210411
 Cell : 9825210511

O : 2558244 / 2556867
 R : 2678494



Confederation of Indian Industry



Vardhiman Sales Corporation

: Dealers in :

Electrical & Electronics Goods & Components,
 Everything in Industrial Electricals and Electronics

G - 1, 1st FLOOR, NEW SUPER MARKET, JAMNAGAR - 361 001
 E-mail : vscjam@yahoo.com, vscjam@gmail.com

Format for Jamnagar Brass Cluster

	Vardhiman Sales Corporation
iP)	1st floor, New Super Market, Jamnagar.
Contact Person Name	Mr Rohit Kothari
Designation	
Mobile No	9427210411, 9825210511
Email ID	vscjam@yahoo.com, vscjam@gmail.com
No of years in existence	29 years
No of Employees currently working	3
Technology/ Service Provided	Servostabilizer, Isolation transformer, MCC, PCC panel, Harmonic Filter, APC Panel, Lighting LED Bays
Name of the Units served by the LSP	Approx 35 units.
Existing Skills of the employee	Diploma Electronics
Areas in which training is required	Measur. equipment.

Blank

Hasmukh Dhediya

+91-94286 90915
+91-99138 93880



Confederation of Indian Industry



Zener Electrical Trading

Format for Jamnagar Brass Cluster

Shop No.2, R.K. Commercial Complex, Plot No.4041, Nr.Rajhans Alloys Circle,
Phase - III, Dared, JAMNAGAR - 361004,
E-mail : zenerelectricaltrading@gmail.com

(LSP)	Zener Electrical Trading.
	Shop No.-2 R.K Commercial Complex Plot 4041, Ph-3, Dared
Contact Person Name	Hasmukh Dhediya
Designation	.
Mobile No	9428690915, 9913893880
Email ID	zenerelectricaltrading@gmail.com
No of years in existence	5
No of Employees currently working	1
Technology/ Service Provided	Automation Panel, PLC MCC
Name of the Units served by the LSP	Forging machine tools Swastik Industries Newton Product & other tools
Existing Skills of the employee	ITI - wiseman
Areas in which training is required	PLC Logic

has



Shree **MARUTI** Machine

Shed No. 4416/17, K-Road, Phase-III,
Dared, JAMNAGAR - 361 005

જીવન





Jaysukhbhai
Cell : 90995 42073
Ph. : +91-255-2731202

Mfg :
Sand Crusher Machine,
Sand Sieve,
Sand Vibrator Sieve,
Wire Draw Machine,
Pulverize Machine,
& Huler Machine.



Format for Jamnagar Brass Cluster

(LSP)	MARUTI machine
	Plot no. 4416/17, K-Road, Ph-3, UNIDO Dared Jamnagar.
Contact Person Name	Mr. Jaysukhbhai Pitroda
Designation	
Mobile No	9426458073
Email ID	marutimachining@gmail.com
No of years in existence	5 years
No of Employees currently working	5
Technology/ Service Provided	Pulverize Machine Dust collector
Name of the Units served by the LSP	Nos. 50 Unit
Existing Skills of the employee	Dust collector, Pulverize Machine.
Areas in which training is required	Wesman Product Gas furnace

 <p>ADITYA INDUCTION TECH BRAZING • HARDENING • FORGING • MELTING</p>		<p>RAJAN DHANANJAYA ☎ +91-8141880000</p> <p>SHAMRESH DHANANJAYDHARIA ☎ +91-9826544653</p>  <p>Designated Member IPI-INDIA</p>		 <p>Confederation of Indian Industry</p>
<p>PRODUCT Induction Machine Automation & Jig Fixtures</p>		<p>WEB adityainduction@gmail.com www.adityainduction.com</p>	<p>ADDRESS 2/8 Mevdi Plot, Rajkot - 360004</p>	<p>Format for Jamnagar Brass Cluster</p>
<p>Power Saver • High Speed • Zero Maintenance</p>		<p>LSP) <u>Aditya Induction Tech</u></p>		
<p>Address</p>		<p><u>2/8 mevdi plot Anand bungalochok</u> <i>Ruskat</i></p>		
<p>Contact Person Name</p>		<p><u>Rajan D. Dhansadharia</u></p>		
<p>Designation</p>		<p><u>Partner</u></p>		
<p>Mobile No</p>		<p><u>8141880000</u></p>		
<p>Email ID</p>		<p><u>adityainduction@gmail.com</u></p>		
<p>No of years in existence</p>		<p><u>12+</u></p>		
<p>No of Employees currently working</p>		<p><u>10</u></p>		
<p>Technology/ Service Provided</p>		<p><u>Induction Heating solutions</u></p>		
<p>Name of the Units served by the LSP</p>		<p><u>Approx 1000</u></p>		
<p>Existing Skills of the employee</p>		<p><u>manufacturing and maintenance of Induction Heating Equipments</u></p>		
<p>Areas in which training is required</p>		<p><u>None</u></p>		

Haresh Vadgama +91 94264 80829
+91 97129 60829

Parash Gajjar +91 98250 70080

Param Gajjar +91 95869 81774



Confederation of Indian Industry





Format for Jamnagar Brass Cluster

From Concept to Creation
H P Products
 0091 281 236 1363
 HPPProducts@GMail.Com
 HPPProducts@RediffMail.Com



(LSP)	H P Products 5- Gajjar Estate, Atika- Beykot
Contact Person Name	Parashbhai Gajjar
Designation	owner
Mobile No	98250 70080
Email ID	HP Products @ gmail . com
No of years in existence	31.
No of Employees currently working	6-
Technology/ Service Provided	SPM, & Automation.
Name of the Units served by the LSP	Low cost Automation, in Hydraulic, Pneumatic, Electronics, Mechanical
Existing Skills of the employee	Based on Experience. in. 20 year.
Areas in which training is required	

Vadgama

   	
<p>Virendra Rale Dy. Manager Sales</p> <p>+91 77188 31474 +91 20 6022 8686 / 7 / 8 virendra@cnctimes.com virendra@plantmanager.in</p> <p>CNCTIMES Pvt. Ltd. Unit - 41116, Maharashtra, India Pin - 411045, Maharashtra, India</p>	
<p>Format for Jamnagar Brass Cluster</p>	
.SP)	CNC Times Pvt Ltd
	Maharashtra
Contact Person Name	Virendra Rale
Designation	Dy Manager Sales
Mobile No	7718831474
Email ID	virendra@cnctimes.com
No of years in existence	20
No of Employees currently working	14
Technology/ Service Provided	CNC Machines & tool parts
Name of the Units served by the LSP	30
Existing Skills of the employee	CNC machines & low cost automation system
Areas in which training is required	—



Devang Bhatt
Sales Engineer
Email: mkt1@zenairtech.com
Mo: 9328682290




QUALITY COMPRESSORS & ACCESSORIES



Confederation of Indian Industry

Format for Jamnagar Brass Cluster

SP)	Devang - Zen Air Tech Pvt Ltd.
Address	
Contact Person Name	Devang Bhatt
Designation	Sr. Sales & Mkt. Eng.
Mobile No	9328682290
Email ID	mkt1@zenairtech.com
No of years in existence	35 YEARS
No of Employees currently working	80 NOS
Technology/ Service Provided	compressor Repair
Name of the Units served by the LSP	Khetal Brass - Jamnagar
Existing Skills of the employee	DME -
Areas in which training is required	whol compressor repairing



SHREE MAHALAXMI ELECTRICALS
 All type Rewinding & Repairing A.C. / D.C. & H.T. / L.T. Motor and Welding Transformer & Power Generator
 Plot No. 3147, Near SMI Circle, Road No. 4, G.I.D.C., Phase-III, Dared, Jamnagar - 361 006. (Gujarat - India)
 E-mail : shreemahalaxmielec@gmail.com



Format for Jamnagar Brass Cluster

SP)	Shree Mahalaxmi Electrical
Address	Plot no. 3147, Near SMI Circle Phase-3 Dared
Contact Person Name	Mr. Ankit Patel
Designation	Engineer
Mobile No	999 83 15012
Email ID	shreemahalaxmielec@gmail.com
No of years in existence	22
No of Employees currently working	4
Technology/ Service Provided	Ele. Motor & Transformer repairing & rewinding
Name of the Units served by the LSP	Approx 1000 uni-
Existing Skills of the employee	ITI - Electrician Diploma Electrical
Areas in which training is required	Technical C&M motor Information Kioskak - Transformer Bharat Bijlee HT motor Information

Ankit Patel

Annexure 5: LSP Data Collection form

S. No	Name of the LSP/company	Address	Phone No	List of Services	Years in service	No. of Employees
	Fabricators and Design Consultant					
1	Alfa Electric Corporation	2, Shreeji complex, Satyam Colony Road, Near Air Force-2 Gate, Jamnagar, Gujarat	9426935644	AMF Panel, APFC Panel, Control Panel, Distribution Panels, etc.	10	15
2	Rotomotive Power drives India Ltd	Ahmedabad	9377511911	Power drives, VFDs and Servo motors		
3	Nanda Brothers And Company	Sonapuri Hajira Road Opposite JK Kukadia Hajira Road Jamnagar - 361001 Gujarat	8048621911	Metal sheet fabricator	27	25
4	Popular Enterprises	Indraprastha Complex, Pancheswar Tower Road, Jamnagar 361001	9426257258	Design Consultant	39	23
6	Q Power	Rajkot	9978977900	Energy Auditor, Automation system design, Panel design and turnkey retrofit projects implementation	10	5
7	P K Engineering	Jamnagar	9825266522	Electrical and Extrusion plant design and consultancy	22	7
8	Shree Surya Solar Solutions	102, Chaitanya Complex, Opp Arya Samaj Road , Jamnagar	8049189396	Solar Panel Fabricator, Solar LED lights, Solar Water Pump, etc.	5	20

LSP Mapping Report

9	Ujala solar energy system	Moti Chamber, Summer Club Road, S.T. Bus Stand Road, Jamnagar-361001, Gujarat, India		Rooftop solar system, solar PV mounting ,solar water panels, solar structures	5	10
10	Ascent Electrification Engineers Pvt. Ltd.	No. 6/8, Sarju Chamber st Floor K. V. Road, Jamnagar-361001, Gujarat, India	8071873291	AMF Panel,APFC Panel, Control Panel, Distribution Panels, etc.	10	20
11	HP Products	Rajkot	9825070080	SPM and Low cost automation system	31	6
12	Zener Electrical Trading	Dared, Jamnagar	9428690915	PCC/MCC panel and Automation panel design	5	1
13	Vardhman Sales Corporation	Jamnagar	9427210411	Servostablizer, Transformer, Panel design and Harmonic filter design	29	3
14	R R Machinery and Hardware store	Jamnagar	9374949323	Power Measure and Energy audit	10	5
15	J P Electricals	Jamnagar	9824283894	Panel design and Electrical Consultants	40	4
16	Immortal Innovation	Jamnagar	7600370887	PLC /HMI programming and Low cost Automation provider	3	3
17	SJ Control Panel	House No. B 84, Ranjit Sagar Road, Jamnagar-361005, Gujarat, India	8042965521	APFC Panel , Auto Changeover Switch, Electrical AC Drive	4	7
	Technician					

LSP Mapping Report

18	Jay Electronics	A-2 Shakar Tekari, Udyognagar, Near Post Office, Jamanagar-361004	9824507859		4	3
19	Ashwin Babariya	Jamnagar	9824222077	Panel Installation and electrical wiring	20	1
20	Naresh Steel Creation	Jamnagar	9426208737	Cutting Mcahines, Loading and Unloading equipment repair	50	4
21	Zen Air	Rajkot	9328682290	Compressor repair	35	80
22	Maruti Machines	Jamnagar	9426458073	Dust collector, Sand Crushers and wire draw machine design	5	5
23	Piyush Sanchariya	Jamnagar	9428988549	Installation and Commissioning of wiring -PCC,MCC and PLC	12	1
24	Bansi Electric and Engineering		9426471132	V Belt , Motor Spare Parts	10	16
25	Kothari Sales Agency	Manu Market , Bedi Gate, Jamnagar	9426203801	Electrical Switches	30	16
26	Atul Electric	Patel Chowk , GIDC ,Phase 2 Jamnagar	9427937802	Motor Rewinding	4	6
27	Tulsi Electricals	Udyognagar Road, Jamnagar -5	9377995370	Motor Rewinding , rewiring and maintenance	20	30
28	Dhaval Electric & Refrigeration	Pancheswar Tower, Near Goval Masjid, Jamnagar	8980157566	All type of Electrical Sales and services	3	5
	Maintenance					
29	Kailash Electric	Jamnagar	9824244148	Motor Rewinding and Electrical wiring	20	6

LSP Mapping Report

30	Sujata Brass Industries	Opposite Ravi Petrol Pump, Rajkot Highway, HAPA 361 120, Jamnagar Gujarat	9824039649	Machinery Manufacturing	40	20
31	Priya Traders	Jamnagar	9328809827	Energy Efficient - Silicon carbide Crucible	14	5
32	Ronak Electricals	Jamnagar	9824512512	Motor rewinding and Pump repair	24	3
33	Triotronick Systems	Jamnagar	9426229400	AMC for Solar Rooftop and electronics equipment's	5	4
34	CNC times Pvt Ltd	Maharashtra	7718831474	CNC Machines and Tool parts	20	14
35	P. M. Products	B-4, Udyognagar, Shanker Tekri, Jamnagar 36104	9824039649		36	25
36	K. H. Traders	501, Radhe, Walkeshwari, Dr. Niraj Vora Street, Jamnagar-361001, Gujarat, India	8045387486	Thermal Insulation	2	5
37	Popular Enterprises	542, Indraprasth Complex, Bedi Gate, Jamnagar - 361001	9426257258		3	2
38	Shree Mahalaxmi Electrical	Plot No 3147, Face 3 Gidc, Road No 4, Jamnagar Ho, Jamnagar - 361001, Near Mahavir Circle	9998315011	Motor Rewinding	4	3
39	Gurunanak Electricals	Patel Colony Jamnagar	9924514002		3	4
40	Shiv Shakti Electric Stores	G2/108, GIDC, Shanker Tekri, Jamnagar -361004	9426946628		3	3
41	Dev Electric Service		9099708666	Electric Services and rewinding work	4	3

LSP Mapping Report

42	Variety Trading Company	GIDC Phase 2 , Near Dared , Jamnagar 361004	9099754207	Foundry Fluxes, Bricks , Ramming mass	9	3
43	Dhiraj Sales Corporation	Jamnagar	9925152023	Motor Sales and Services	42	2
44	M V N Metal	49 Road Shanker Tekri, Udyognagar,Panakhan, Nr Shiv Pan, Jamnagar -361005	9426259756	Foundry and Furnace repairing	3	4
45	Krypton Power	Jamnagar Rajkot Highway , Jamnagar -361120	9328888722	Inverter and batteries	6	4
46	Aditya Induction Tech	2/8 Mavdi plot Rajkot 360004	8141880000	Induction Furnace repair	12	10
47	Pioneer Furnaces Pvt Ltd.	146-148,GIDC Vithal Udyognagar-388121(Anand) Gujarat	02692-236182,236197	Induction Furnace repair	5	20
48	Panchasara Machine Tools	Shed no 376, Udyog Nagar,Shankar Tekri Jamnagar -361004	9979910671	Extrusion Plant Machinery	13	5
49	Hitesh Electricals	55, Digvijay Plot, Jamnagar-361005	9825715676	Electrical Fitting & decoration	4	2
Technology Providers						
50	Bloom combustion India	Shed No2 Shantiban Industrial Estate,Shivane , Pune	9881001342	Energy efficient - Regenerative burners	30	5
51	UMA Power Electronics Pvt Ltd	Jamnagar Rajkot Highway , Jamnagar -361120	9825065442	Rectifiers, UPS and Inverters	15	10
52	Jet Industries	Rajkot	9824036885	Hydraulic weight lifting machine and battery operated lifting machines	5	6
53	Indo Power Furnace Pvt Ltd	No. 56/ A - 4, Phase - 1, Road - B, Bharat Cement	9998694273	Furnace	13	150

LSP Mapping Report

		Compound, Opposite Shashavt Gum Industries, Bank Of India, G. I. D. C., Vatva, Ahmedabad - 382445, Gujarat, India				
54	Electrotherm	M-3, Vrindavan Colony, Near Kalyan Public School, Khamardih, P.O. Shankar Nagar, RAIPUR, C.G.	73899 13105	Furnace	35	2607
55	Inductotherm (India) Pvt. Ltd.	Sanand , Ahmadabad	9376196153	Furnace	35	2500
56	Micro Hydraulic	Plot -215/2, Phase-II, GIDC, Dared, Jamnagar – 361005 (Gujrat)	9327422654	Reheating Furnace	36	400
57	Shree Momai Enterprise	58, Digvijay Plot, Near Kerosin Taka, Pase, Jamnagar-361005, Gujarat, India	9377323000	Solar PV system	32	110
58	Supreme Pumps	Nr Mayani Chowk , Rajkot	8469255355	EE Pumps	35	200
59	P Prabhudas Engineering Pvt Ltd(Authorised Distributors of IR)	Power Hose, 3/12 Bhaktinagar Station plot, Rajkot -360002	9898233000	Compressor	10	50
60	Morganite Crucible (India) Ltd.	B 30, Shaker Tekri, Udyognagar Hirji Mistry Road , Jamnagar -361004	9427241426	Furnace Crucible	5	25
61	ABP Induction Systems Pvt Ltd.	455, Manjusar GIDC Industrial area Savli -391770, Vadodara	9725907509	Induction Furnace	13	180
62	Urvashi Engineering Pvt Ltd.	Phase-III, G.I.D.C Chattral, Dist. Gandhinagar.	79-65121481	Air Preheaters	20	10

LSP Mapping Report

63	Techflow Enterprises Pvt. Ltd.	Block No.: 803/B/1, Nr. Canal, Kubadthal Village, Off. Kunjad Kathlal Road, Via. Kathwada S.P.Ringroad Circle, Ahmedabad - 382430, Gujarat, India	78747 19999	Fume Extraction Blowers	38	240
64	KG Corporation	No. 306, Sarita, Jain Temple, St. Xaviers College Road Off C. G. Road, Navrangpura, Ahmedabad-380009, Gujarat, India	8079453001	Fume Extraction Blowers	20	10
65	Vikash Engineering Industries	Kadi Rolling Mill Compund, Behind GEB Kadi- Kalol Road , Dist Mehsana, Gujarat	9427013991	Oil Fired Reheating furnace	5	10
66	Indo Air Compressors	Plot No 550, Main Road , Kathawada, GIDC Ahmedabad-382430	9824403616	Compressor	25	50
67	Energy Asset Solutions Pvt Ltd.	809, Prashwnath Business Park, Beside Prahaldnagar Garden, Prahaldnagar, Ahmedabad-380015	9825098956	Solar Panel	6	10