



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 - Nagaur Hand
Tool 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

Table of Contents.....	1
1 PROJECT BACKGROUND.....	3
2 CLUSTER SCENARIO	4
2.1 Hand Tool Cluster Nagaur	4
2.2 The major products manufactured in Nagaur hand Tool Cluster:.....	5
2.3 Type of operations in Nagaur Hand Tool Cluster.....	5
3 MAPPING OF LOCAL SERVICE PROVIDERS -.....	7
3.1 LSPs Operation in Nagaur Hand Tool Cluster and their influence on Energy Efficiency.....	7
3.2 Objective of Mapping.....	8
4 MAPPING OF LOCAL SERVICE PROVIDERS.....	10
4.1 Role of LSPs in Nagaur Hand Tool Cluster.....	10
4.2 Approach and Methodology	11
5 OUTCOMES OF LSP MAPPING	13
6 ANNEXURES	18
6.1 Annexure 1 - LSP Data collection format	18
6.2 Annexure 2 – List of Major OEMs in Nagaur Hand Tool Cluster	41
6.3 Annexure 3 – List of LSPs in Nagaur Hand Tool Cluster	42

List of Tables

Table 1 : List of clusters identified	3
Table 2: Role of LSPs	10

List of Figures

Figure 1: Nagaur Hand Tool Cluster	4
Figure 2: Pictures of Hand Tool Products.....	5
Figure 3: Major Operations in Hand Tool units.....	6
Figure 4: Mapping as per process requirements	8
Figure 5: Mapping Tree of LSPs.....	10
Figure 6: Geographical Location of LSPs	13
Figure 7: Skill Set of LSP's	14
Figure 8: Employee Strength of OEM's & LSP's.....	14
Figure 9: Education Level	15
Figure 10: SWOT Analysis.....	17

2 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 (LSP’s) under GEF-UNIDO-BEE project ‘Promoting Energy Efficiency and Renewable Energy in selected MSME clusters in India’ for the Nagaur hand tools cluster.

3 CLUSTER SCENARIO

3.1 Hand Tool Cluster Nagaur

Nagaur, in the state of Rajasthan, is an important hand tools cluster in India. A wide range of hand tools are manufactured in the cluster. Separate units exist in the cluster to perform forging and finishing operations. Most of the forging units are concentrated in Basni industrial area, developed by RIICO and Rajasthan Finance Corporation (RFC). Other units such as machining, assembly, grinding and polishing are based at Loharpura area. Generally, the products from forging units from Basni area are sent to other finishing operations at Loharpura. None of the units has facility to carry out both forging and machining operations together.

Nagaur Hand tool cluster is dominated by manufacturing units of pliers, hammers, cutters, gardening tools etc. established mostly in Bansi road industrial area and finishing units established in Loharpura area. There are about 59 hand tool units in Nagaur cluster. Pliers and hammers contribute for about 75% of the total production in the cluster. Most of the units are selling their produce in the domestic markets and none of the units are exporting their product directly. The cluster provides employment to more than 2,000 skilled and non-skilled workers.

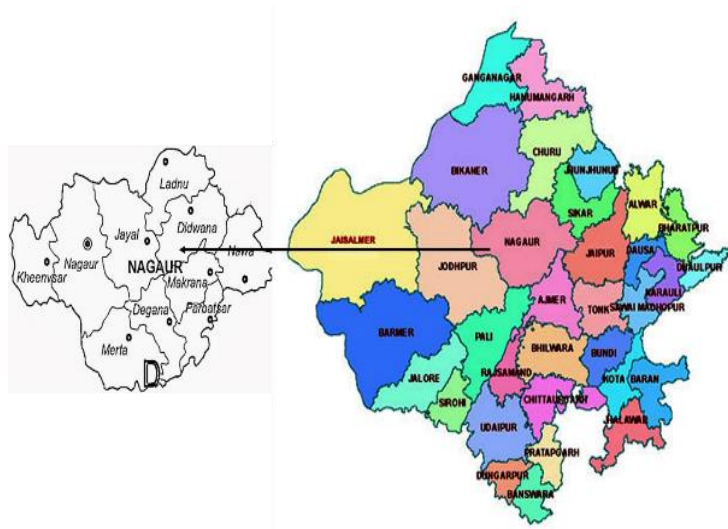


Figure 1: Nagaur Hand Tool Cluster

3.2 The major products manufactured in Nagaur hand Tool Cluster:

- Hammer
- Combination pliers
- Side / Top cutter
- Sheet cutter
- Gardening tools



Figure 2: Pictures of Hand Tool Products

3.3 Type of operations in Nagaur Hand Tool Cluster

Hand tool units in Nagaur cluster are majorly engaged in different types of operations, a typical process flow for hand tool industry in Nagaur is depicted below:

- Raw material
- Shearing
- Reheating furnace
- Rolling
- Pressing
- Cutting
- End cutting
- Final product
- Machining

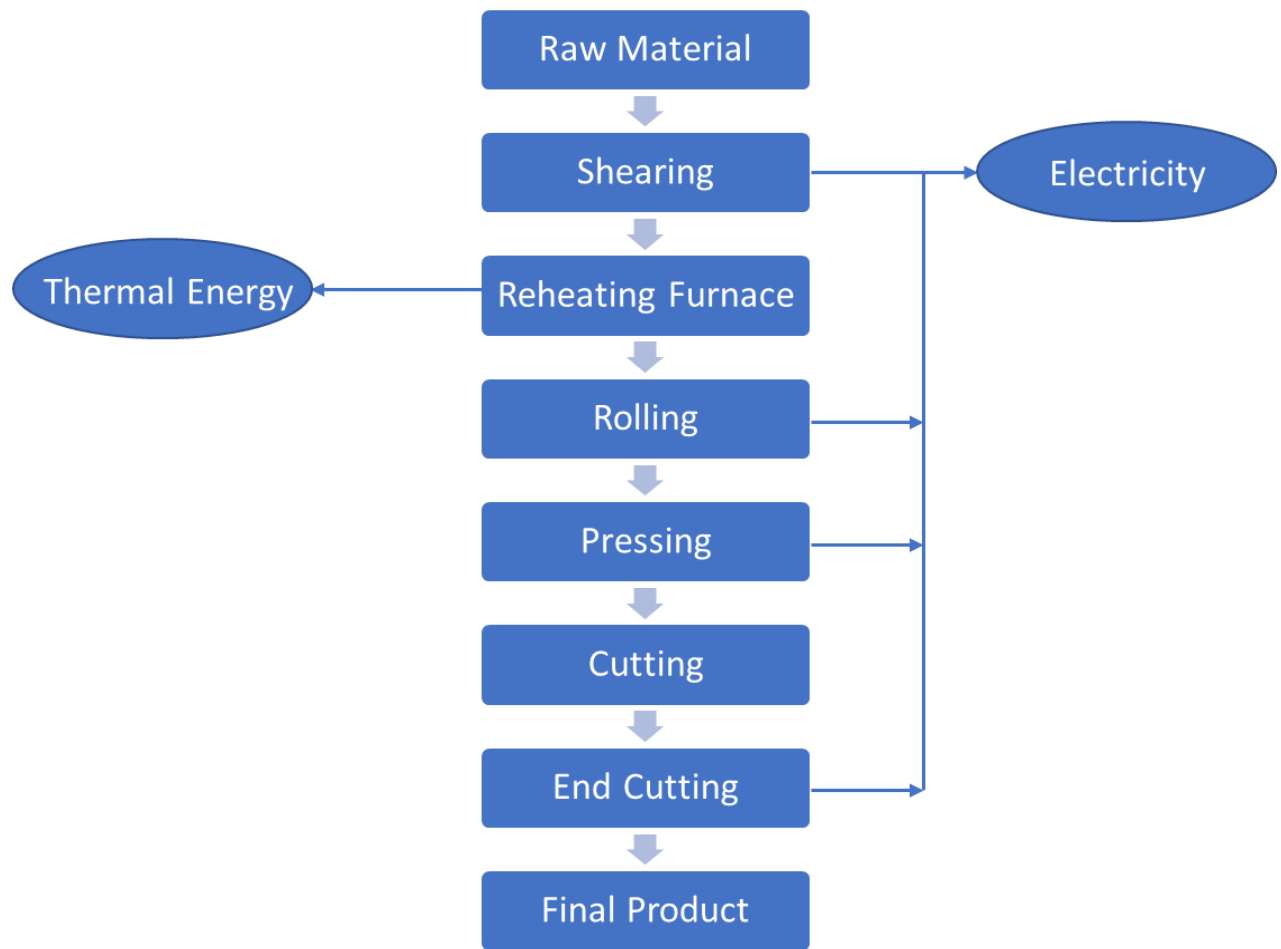


Figure 3: Major Operations in Hand Tool units

4 MAPPING OF LOCAL SERVICE PROVIDERS

4.1 LSPs Operation in Nagaur Hand Tool Cluster and their influence on Energy Efficiency

Local Service Providers are instrumental in influencing MSME industries' journey of 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 as they are major energy guzzlers and most of the energy cost of industries is due to these equipment & utilities. So LSPs should have better knowledge in terms of best industrial 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 and increase competitiveness. Equipment life will also increase without degrading the quality of the product.

In Nagaur hand tool cluster most of the units are mainly dependent upon Original Equipment Manufacturers (OEMs) for the services of equipment like hammers. In addition to this in a typical hand tool unit most of the repair and maintenance activities are done by in-house technicians and maintenance operators. The LSPs can be categorized as follows: -

- (1) All major OEMS directly provide services to hand tool unit
- (2) OEMS who provide service to the units through sub vendors
- (3) Local technicians and operators who do the repair and maintenance activities Major OEMS directly with Units

4.2 Objective of Mapping

The objective of the mapping is to identify the LSPs based on the demand and supply needs of hand tool units 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 hand tool units. The figure below shows the process wise mapping of LSPs in a hand tool unit

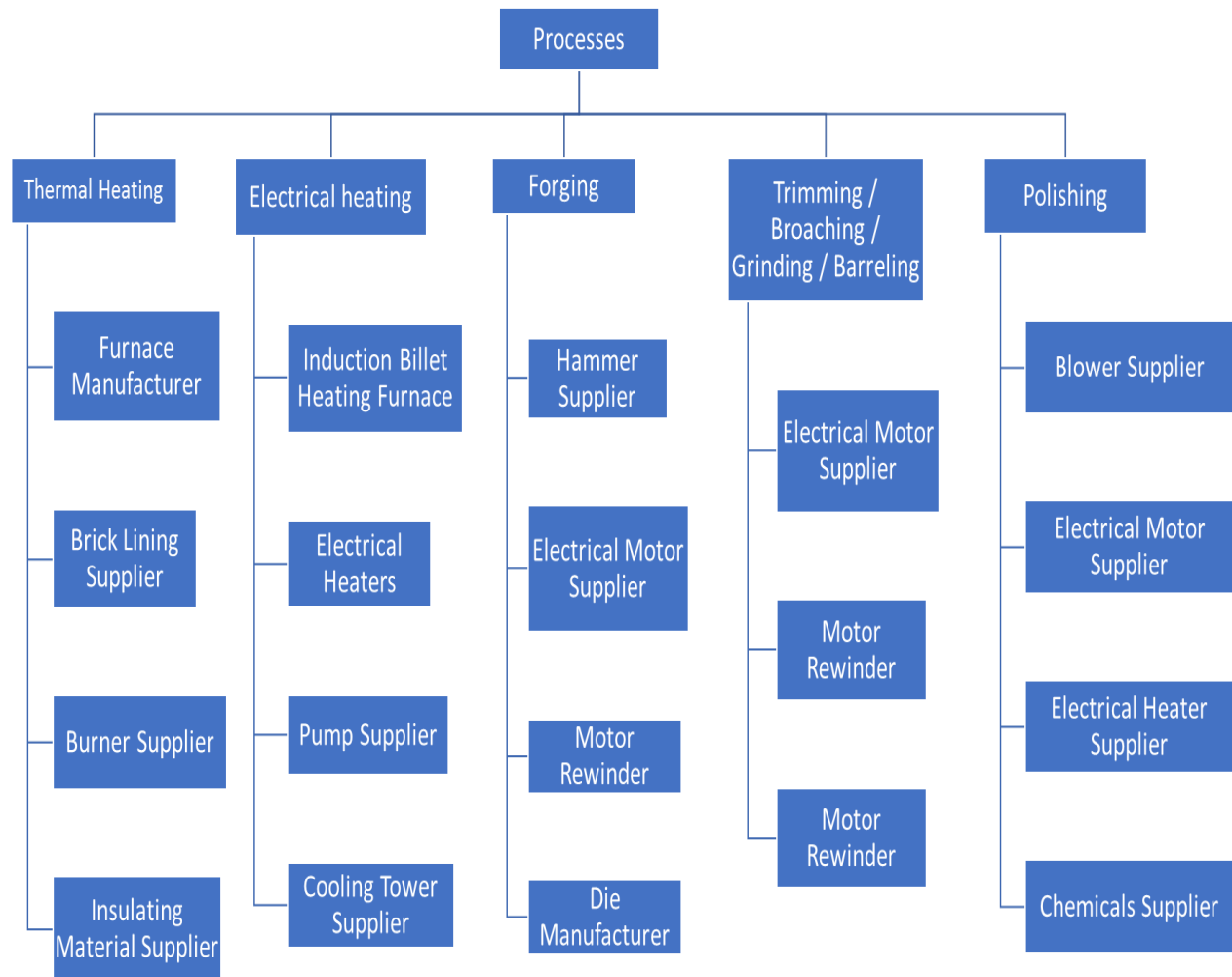


Figure 4: Mapping as per process requirements

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

- Tier 1 Category (Major OEMS): It includes the major OEMS and service providers in the cluster, viz. Rattan Hammers, NKH Hammers etc.

- Tier 2 Category (Service and maintenance people): It includes local equipment manufacturers, fabricators, technicians etc., who do the repair and maintenance activities.

Currently all the LSP's 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 are

- Lack of operational competitiveness
- Lack of exposure to technology
- Huge gap on the existing skill set of employees
- Poor sustainable market linkage and gap in supply chain
- Lack of awareness of the latest technologies on EE/RE

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

A typical mapping process adopted in Nagaur Hand Tool Cluster is shown below:

5 MAPPING OF LOCAL SERVICE PROVIDERS

A schematic of the mapping technique that can be adopted in Nagaur hand tool cluster is as shown:

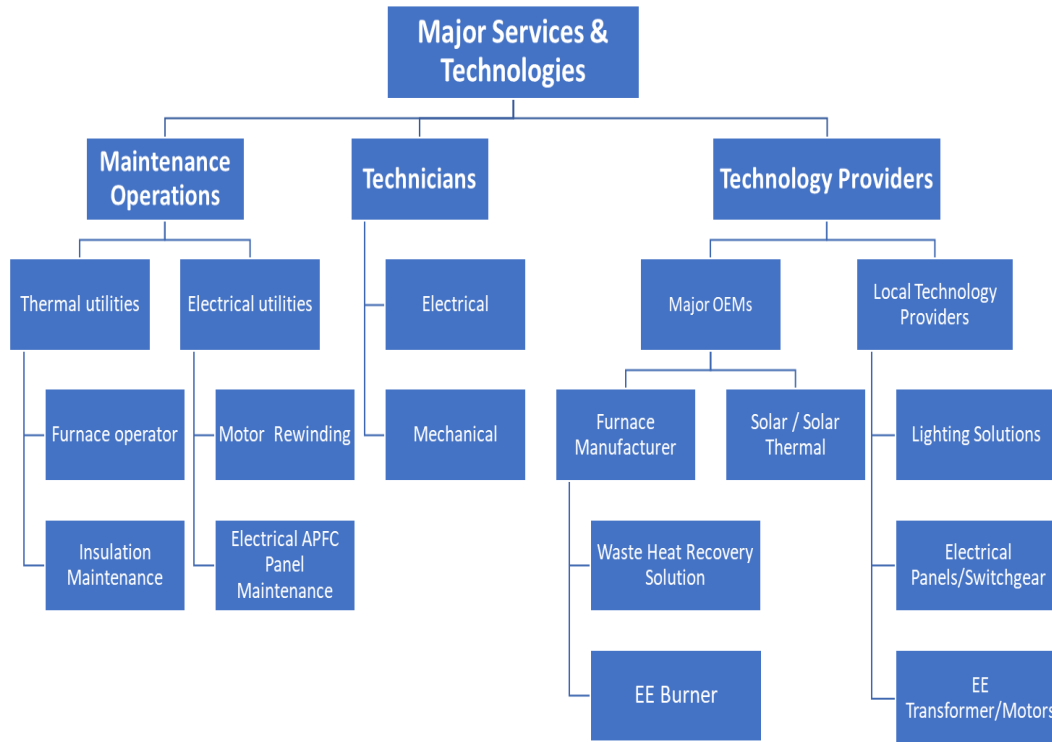


Figure 5: Mapping Tree of LSPs

5.1 Role of LSPs in Nagaur Hand Tool Cluster

TABLE 2: ROLE OF LSPS

	Category List	Role of LSPs	List of LSPs*
Plant Level	Plant Designers	Provide project management services to design and build up which include fabrications, equipments etc	<ul style="list-style-type: none"> Baljit Singh Ubhi Boss Engineers
Process Level	Heating, forging, heat treatment, manufacturing, Electroplating	Provides complete process solutions which govern the quality of products manufactured which includes automation, process loop modification	<ul style="list-style-type: none"> Baljit Singh Ubhi Boss Engineers Rattan Hammers NKH Hammers
Equipment Level	Electrical Utilities <ul style="list-style-type: none"> Motors Electrical Heaters 	Provide regular repair & maintenance service of equipments, health check up, introducing new energy efficient	<ul style="list-style-type: none"> Janta Electric Rewinding Works Khatri Machinery Works

	Category List	Role of LSPs	List of LSPs*
	<ul style="list-style-type: none"> Capacitors Solar PV 	technologies to cluster with respect to equipment.	<ul style="list-style-type: none"> Vishwakarma Training Company Kankariya Macjinery Store Bhoot Enterprises Choudhary Sales
	Thermal Utilities <ul style="list-style-type: none"> Furnaces Insulation Burners 	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"> Baljit Singh Ubhi
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, brick lining, pipelines etc.	<ul style="list-style-type: none"> Abdul Samad Indcon Engineering Works
*Detailed list given in Annexure 3			

5.2 Approach and Methodology

Local service providers for the units in Nagaur hand tool cluster are majorly comprise of maintenance operators, technicians, fabricators, energy auditors, engineering consultants, plant design engineers and other people who frequently provide their services small repairs and maintenances.

We are adopted following approaches to collect the information and understand the need and requirements of local service providers:

1. Inception meeting with President of “Hand Tools Industries Association”

We had conducted an inception meeting at Nagaur Hand Tool Manufacturers Association on 10th October 2017 with association President Mr. Asif Ali 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. Awareness & Visits to Hand Tool Units

We have visited other hand tool units in Nagaur for creating awareness regarding the project and explained the support needed form them during the cluster, we have also collected local service provider data from the units. During this period, we have visited different hand tool units and tried to understand their present need based on existing technology and demand supply pattern.

3. Questionnaire

We had developed a questionnaire to collect basic information of local service providers in the cluster. Some of the filled data collection forms are attached in annexure 2 and detailed list of LSP is attached in annexure 1. We also had one to one interaction with these local service providers.

6 OUTCOMES OF LSP MAPPING

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

- Existing skill sets of the LSPs and
- Nos. of employees of the LSPs
- Years of service of the LSPs
- Areas in which they need training and new areas they want training

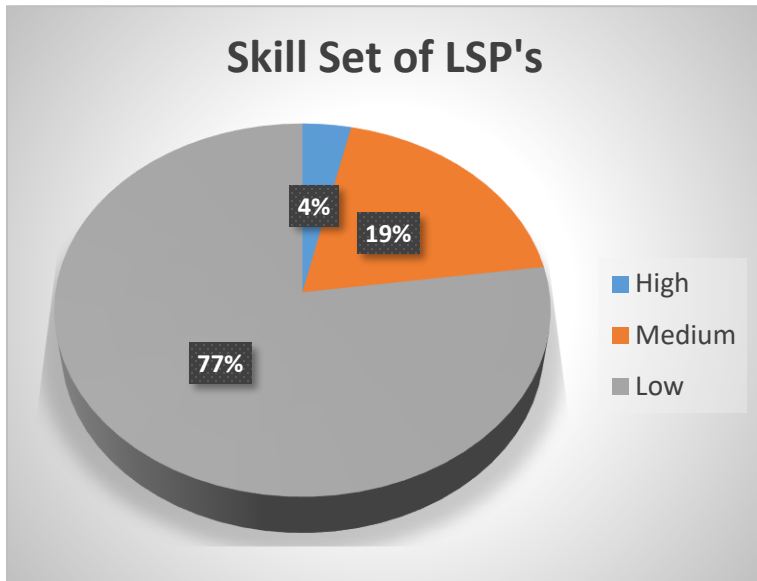
Geographic Location

Most of the LSP's catering to Nagaur hand tool units are located in Nagaur and nearby area like Jodhpur, Ajmer. For the major energy consuming equipment's like Furnace, air compressor, hammers etc. plants are directly depending upon on OEM's which are spread across the country.



FIGURE 6: GEOGRAPHICAL LOCATION OF LSPs

Skill Set



In Nagaur Cluster, the skill set of employees on existing technologies and operations is on lower side (77%). This is mainly due to fact that most of the LSP' are small in size. Also, during the field survey to hand tool units, almost all the maintenance related activities in the plant are carried out by hands on experience people. Only about 19% fall in medium category which includes few motor rewinders.

FIGURE 7: SKILL SET OF LSP'S

Employee Strength

The graph clearly indicates that majority of the LSP's are small players with average number of employee's strength less than 10 people. Smaller LPSs include local motor service people, fabricators, local dealers etc.

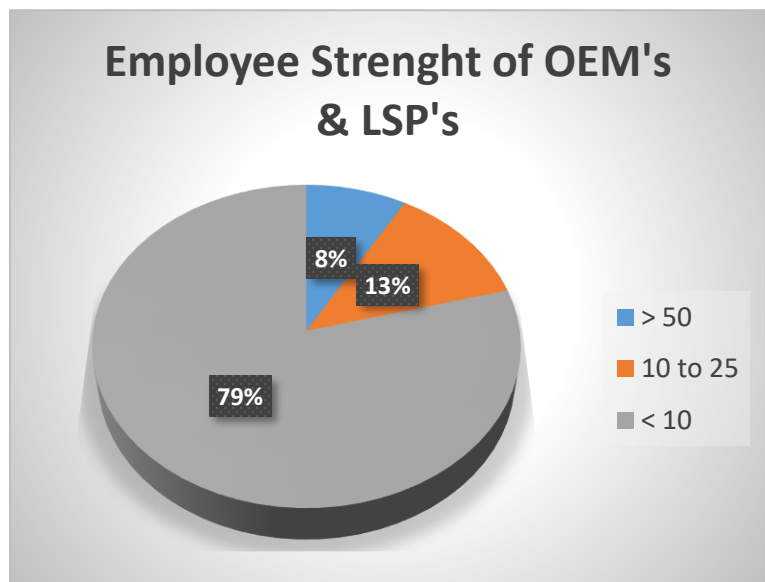
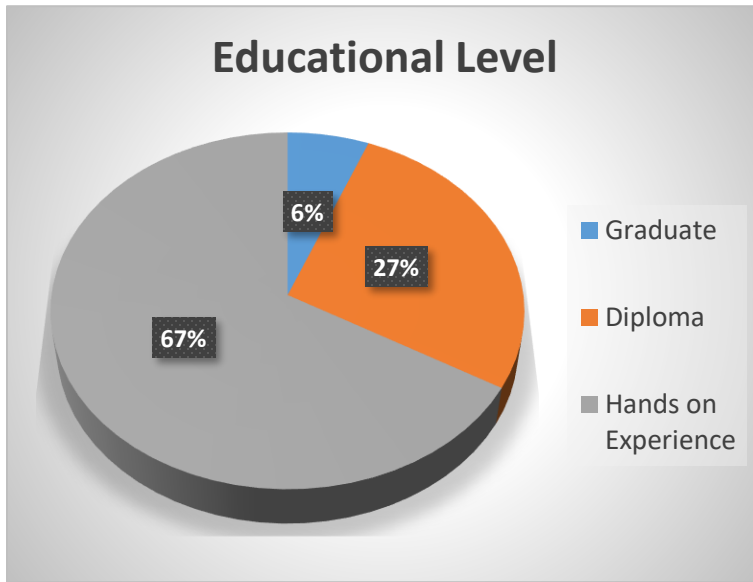


FIGURE 8: EMPLOYEE STRENGTH OF OEM'S & LSP'S

Educational Qualification

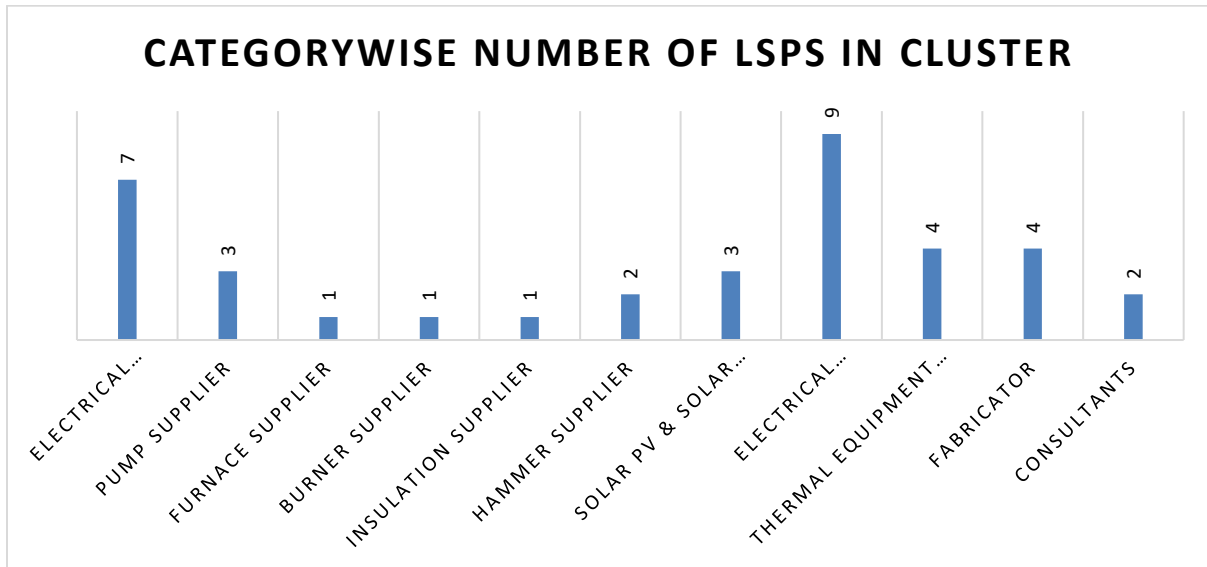


Most of the stakeholders who participated in the survey fall in hands on experience without any educational background. Local service providers and hand tool units in the cluster have a mix of graduates, diploma holders and uneducated having practical hands on experience. Even though the education level is on lower side and they are well versed in their day to day operations, the survey helped in identifying various gap towards advancements in latest EE/RE technologies.

FIGURE 9: EDUCATION LEVEL

Based on the LSP data, SWOT analysis is done for the local service providers based on the demand supply need of the services in the cluster:

Technology wise mapping of LSPs identified in the cluster is given below: -



Based on the LSP data, strength and weakness of service providers were analyzed and also what are the opportunities and threats for them in the cluster were identified during the mapping process SWOT analysis was also done based on the demand supply need of the services in the cluster

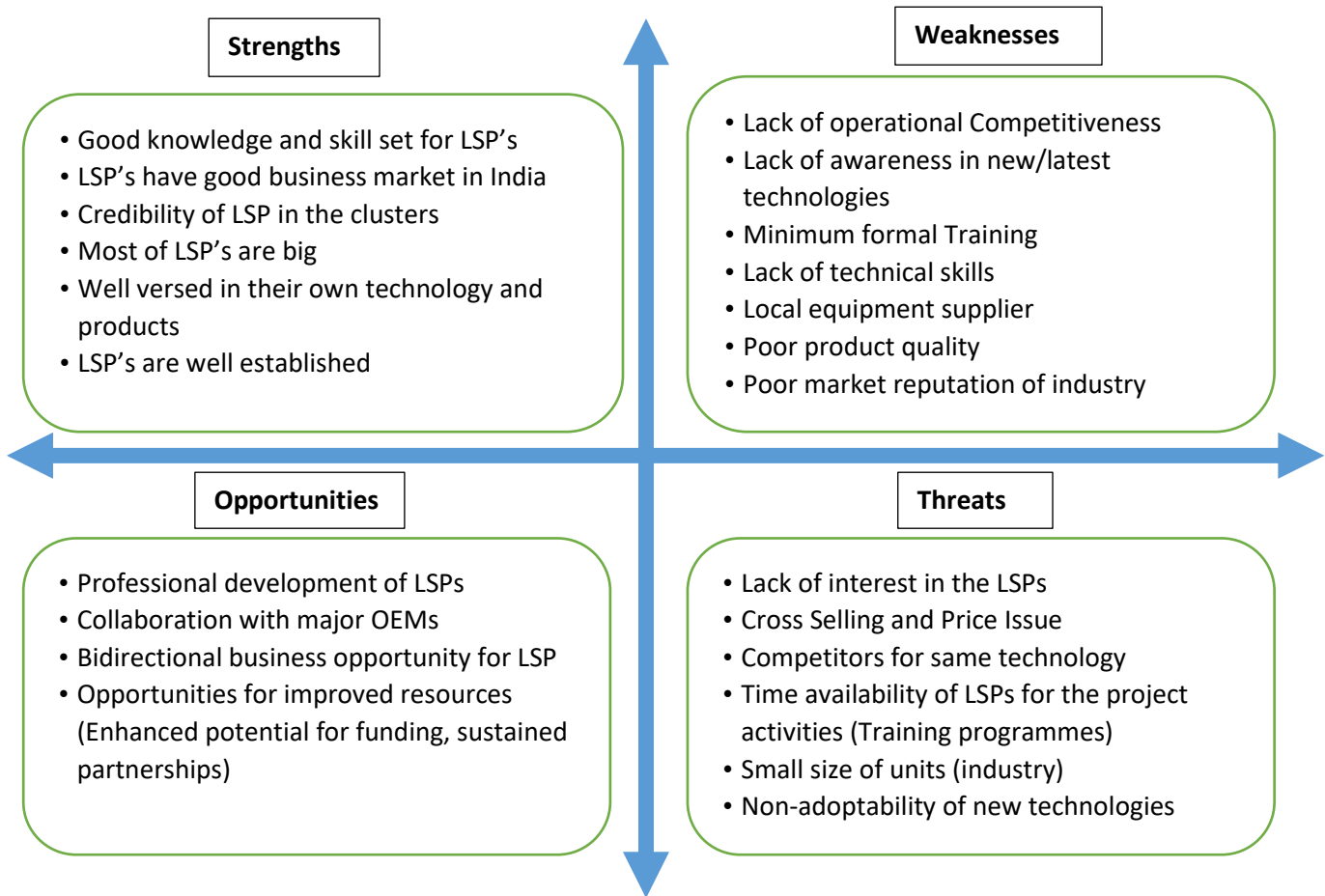


Figure 10: SWOT Analysis

7 ANNEXURES

7.1 Annexure 1 - LSP Data collection format

Chhagan Chopra 9414701309 0291-2435791 (O) 0291-2513961 (R)		Nitin Chopra 9945659763 choprasnitin@gmail.com	
Beltors India Better Engineering Enterprises Chopasni Road, Jodhpur-342003 (India)		LSP Data Collection Format for Nagaur Hand Tool Cluster	
Provider	Better Engineering Enterprises.		
Address	Chopasni Road.		
Contact Person Name	C R CHOPRA		
Designation	Prop.		
Mobile No	94147-01309		
Mail ID	chhagan.chopra@gmail.com.		
No of years in existence	20 Yrs.		
Technology/ Service Provided	Total Engineer Goods.		
Major OEM's/ Supplier dealing with	Fenner India (M)		
Areas/Locations Served or covered	West- Rajasthan.		
Name of the Hand Tool Units served by the LSP			
No of Employees currently working	10 Persons.		

Existing Skills of the employee and gaps	
Main Competitors providing same technology	
Organisational Strength and Weakness	
Support Needed if any	Tour Quotations.

For BETTER ENGINEERING ENTERPRISES

 Prop./Manager

LSP Mapping Report

Authorized Stockist For



Mukesh Khatri

Khatri Machinery Stores
Kankariya Building, Chopasni Road,
Jodhpur-342 003, INDIA

Tel: 0291 2434127, 2434495
Fax: 0291 2610127
Mobile: 9829022101
Email: intahk@switchgear.ltd
bsw.ltd

ESP Data Collection Format for Nagaur Hand Tool Cluster

Provider	KHATRI MACHINERY STORES
Address	CHOPASNI ROAD, KANKARIYA BUILDING NEAR SBI. Jodhpur Branch JODHPUR- 342003
Contact Person Name	MUKESH KHATRI
Designation	MANAGER.
Mobile No	+919829022101
Mail ID	khatri.mukesh31@gmail.com
No of years in existence	42 Year
Technology/ Service Provided	LT/MV SWITCHGEAR / IND. MOTORS
Major OEM's/ Supplier dealing with	LARSEN & TOUBRO LIMITED / SIEMENS LIMITED
Areas/Locations Served or covered	WEST RAJASTHAN.
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	3

Existing Skills of the employee and gaps	ITI
Main Competitors providing same technology	SCHNEIDER
Organisational Strength and Weakness	BEST PRODUCT in switchgear and Motor.
Support Needed if any	



→ ESP-JAI@L&TGEAR.COM

→ GUPTA. ARUN@SIEMENS.COM



LSP Data Collection Format for Nagaur Hand Tool Cluster

Provider	Janta Electric Revinding Works.
Address	Shop No. 9 Hinjdo ki haveli, Nakath Gate Station Road Nagaur.
Contact Person Name	Mr. Ajay Singh
Designation	owner
Mobile No	9414245013 ; 9351223780
Mail ID	
No of years in existence	15
Technology/ Service Provided	Motor Revinding ; Electrical Maintenance.
Major OEM's/ Supplier dealing with	
Areas/Locations Served or covered	Nagaur
Name of the Hand Tool Units served by the LSP	Globe Enterprise; Fine Forging Janta Forging.
No of Employees currently working	3

Existing Skills of the employee and gaps	Machinist.
Main Competitors providing same technology	
Organisational Strength and Weakness	service quality.
Support Needed if any	Copper cable not available in Nagaur.

Can



घनश्याम सांखला
9214031306
9314031306

सांखला घरेलू आटा चक्की स्टोर

रोडवेज बस स्टैंड के सामने, नार्गौर (राज.)
दाल, कानू, विदाय पीसने की मशीन

हमारे यहां सभी प्रकार की घरेलू आटा चक्की, पंपों, प्रवाही, इलेक्ट्रॉनिक प्यूम्प, मिक्सी, पानी की मोटर, जनरेटर, मशीनरी एवं सभी प्रकार के इलेक्ट्रॉनिक सामान उपलब्ध है।

LSP Data Collection Format for Nagaur Hand Tool Cluster	
Provider	Sankhla Ghoslu Aata Chakki Store
Address	Near Bus Stand, Nagaur.
Contact Person Name	Ghanshyam Sankhla
Designation	
Mobile No	9214031306, 9314031306
Mail ID	
No of years in existence	25
Technology/ Service Provided	Monoblock Pump Sets
Major OEM's/ Supplier dealing with	
Areas/Locations Served or covered	Nagaur District
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	7

Existing Skills of the employee and gaps	Diploma.
Main Competitors providing same technology	
Organisational Strength and Weakness	Quality products.
Support Needed if any	product cost is very high.

घनश्याम सांखला


 प्रो० विजय कुमार
 9461350721
 9461331721
विश्वकर्मा ट्रेडिंग कं.
 डीलर : शक्ति पम्प लि., किलोसकर मोनोब्लॉक पम्प रोड, हर प्रकाश के
 स्टार्टर स्क्रॉवर पार्ट्स, टयारिया दुकान, मेस वैल्विंग अक्सरीज एण्ड वैल्विंग रोड्स
 मोटो: सभी प्रकार के इन्जन, इलैक्ट्रिक, पॉवर, इन्डियन, बंदिंग मशीन, कटर एवं जॉट मिलने का एक्सात्र शान
 सीवी ट्रांसपोर्ट कं. के साधने, नवदीन हनुमान मन्दिर, आनन्द रोड, नयापूर (राज.) 341001

LSP Data Collection Format for Nagaur Hand Tool Cluster

Provider	Vishwakarma Training Company Saini Transport Company, Near Hanuman Mandir, Ajmer Road, Nagaur - 341001
Address	
Contact Person Name	Vijay Kumar
Designation	
Mobile No	9461350721 / 9461331721
Mail ID	
No of years in existence	15 yrs
Technology/ Service Provided	Electrical Equipments, Pumps, Motor
Major OEM's/ Supplier dealing with	Kulster, Bosch, Shakti, Hitachi, L&T
Areas/Locations Served or covered	West Rajasthan
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	

Existing Skills of the employee and gaps	Machinist
Main Competitors providing same technology	
Organisational Strength and Weakness	
Support Needed if any	

Vijay Kumar

विजय ओझा !! श्री !!
 9413410952
 9413411852
 8003302952
 9828515113

ओझा रिवाइन्डिंग एण्ड रिपेयरिंग सेन्टर

हमारे यहां पर मोटर, अल्टरनेटर, स्टार्टिंग, कट्टोल
 पेंसल, पावर फिटिंग, पावर कंक्टर, बैटिंग मशीन एवं
 सभी प्रकार के इलेक्ट्रिक उपकरणों की रिपेयरिंग की
 जाती है व पुनर्नी मोटरे खरीदी एवं बेची जाती है।

स्टेशन रोड, शिवबाड़ा, नागौर 341001

LSP Data Collection Format for Nagaur Hand Tool Cluster

Service Provider	Ojha Revinding & Repairing Centre
Address	Station Road; shirbada Nagaur 341001
Contact Person Name	Mr. Vijay Ojha
Designation	Owner
Mobile No	9413410952
Mail ID	
No of years in existence	33
Technology/ Service Provided	Electrical Maintenance Services
Major OEM's/ Supplier dealing with	Crompton Greaves; BCH
Areas/Locations Served or covered	Near by Nagaur.
Name of the Hand Tool Units served by the LSP	Jaini Forging; Maheshwari
No of Employees currently working	4

Existing Skills of the employee and gaps	ITI ; Mashinist
Main Competitors providing same technology	
Organisational Strength and Weakness	Quick Service ; Quality- All type of electrical service.
Support Needed if any	Electrical material is not available in Nagaur.

Signature

LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	Shree Vishwakarma Eng. Works
Address	Hanuman Bagh Trust, Mundwa Road Nagaur.
Contact Person Name	Mr. Kanhaiyalal
Designation	owner
Mobile No	9460110063 ; 7014631600
Mail ID	
No of years in existence	20
Technology/ Service Provided	Electrical Maintenance of Motor
Major OEM's/ Supplier dealing with	Kirloskar ; Shaletti pumps; L&T
Areas/Locations Served or covered	Nagaur District.
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	3

Existing Skills of the employee and gaps	
Main Competitors providing same technology	Mahadev ; Jagdamba.
Organisational Strength and Weakness	
Support Needed if any	skilled labour


20/12/17


चौधरी सेल्स
इनवर्टर एण्ड बैटरी
 रोडवेज बस स्टैण्ड के सामने, नागौर (राज.)
 01582-242463
 Exide इनवर्टर एण्ड बैटरी के होलसेल विक्रेता
 Fax 01582-243334
 Email-rajendrachoudhary8510@gmail.com

LSP Data Collection Format for Nagaur Hand Tool Cluster

Provider	M/S CHOUDHARY SALES
Address	OPPOSITE ROADWAYS BUS STAND NAGOUR
Contact Person Name	9414863175/9414468510
Designation	MR. RAJENDRA CHOUDHARY
Mobile No	WWW.RAJENDRA CHOUDHARY 8510@gmail.com
Mail ID	
No of years in existence	25 YEARS
Technology/ Service Provided	SOLAR PANEL INVERTOR BATTERY
Major OEM's/ Supplier dealing with	Luminous ; Exide
Areas/Locations Served or covered	Local Nagaur
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	7

Existing Skills of the employee and gaps	Diploma ; ITI
Main Competitors providing same technology	Sanleha Electric
Organisational Strength and Weakness	Good will Quality Product
Support Needed if any	M/S Choudhary Sales Co. Invertor

मनीष राठी
 दुकान : 0291-2434612, 2653670, 2650612
 मो. : 9414134612, निवास : 0291-2717978
nbc
NRB
rotomotive
DIAMOND
AGNEE
राठी एण्ड कंपनी
 अधिकृत डिस्ट्रीब्यूटर्स: NBC, NRB, SKF, एवं सभी प्रकार के
 एंजलियन-ऑटोमोबाइल पार्ट्स: Fan, Good Year टायर, Diamond
 एंजलियन बेल्ट, एग्नेट, बरिंग, स्कोर, पेंडेरन, चैन गुण्ठी इत्यादि,
 SHOU पुल्सी/Agnee गैस बॉक्स, Adler & Drum Roll, Conveyor Belt
 मासिक पत्र के साथ, दाऊदाल शास्त्री मार्ग, चौपसनी रोड, जोधपुर
 E-mail : rathicompany@gmail.com

SP Data Collection Format for Nagaur Hand Tool Cluster

Provider	Rathi & Company
Address	Chopasni Road, Jodhpur
Contact Person Name	
Designation	Manager
Mobile No	9414134612
Mail ID	rathicompany@gmail.com
No of years in existence	
Technology/ Service Provided	Beltting, Boxing,
Major OEM's/ Supplier dealing with	NBC, NRB, Rotomotive, DIAMOND, AGNEE
Areas/Locations Served or covered	West - Rajasthan
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	

Existing Skills of the employee and gaps	Machinist
Main Competitors providing same technology	
Organisational Strength and Weakness	
Support Needed if any	

Rathi

LSP Mapping Report



A. Khalique # 96490-06059
A. Wazid

WESTERN BEARING COMPANY

Deals in : SKF, NBC, KOYO Japan, FK Pedestal Bearings & Pulley, Emcon V-Belt
Shop No. 6, Panch Ratan Apartment, Near Dalda Building
5th Chopasani Road, JODHPUR (Raj.) INDIA
Ph. : +91 291-2441736, 2635281 (O)
E-mail : westernbrg@yahoo.co

LSP Data Collection Format for Nagaur Hand Tool Cluster

Provider	Western Bearing Company.
Address	Shop No. 6, Panch Ratan Apartment, Near Dalda Building, 5th Chopasani Road, Jodhpur
Contact Person Name	A. Khalique
Designation	Owner
Mobile No	96806-29786, 96490-06059
Mail ID	westernbrg@yahoo.co
No of years in existence	
Technology/ Service Provided	SKF, NBC, KOYO
Major OEM's/ Supplier dealing with	Bearings Provider
Areas/Locations Served or covered	West - Rajasthan
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	

Existing Skills of the employee and gaps	ITI, Diploma
Main Competitors providing same technology	
Organisational Strength and Weakness	
Support Needed if any	

TIN No. 0630265291
WESTERN BEARING COMPANY
Shop No. 6, Panch Ratan Apartment
Near Dalda Building, JODHPUR

Durg

LSP Mapping Report

अधिकृत विक्रेता
ADVANCE
minilec
Umrafi
DEE JAY
केम्पेस्ट्रल

पेन्सल एवं स्वीचगियर्स
 ऑटो कन्ट्रोल सिस्टम एवं फिले
 सॉल्वरीयल पम्प सेंटर्स

इन्डकोन इन्जीनियरिंग वर्क्स

श्री महालक्ष्मी मार्केट, जलतेटीय के पास, गोल बिल्डिंग, जोधपुर - 342003
 ☎ (O) 2437465, (R) 2445164
 मोबाईल : 94136-10500, 94606-74500

SP Data Collection Format for Nagaur Hand Tool Cluster	
Provider	Godson Engineering Works
Address	Shri Mahalakshmi Market, Gol Building, Jodhpur, 342003
Contact Person Name	
Designation	
Mobile No	94136-10500, 94606, 74500
Mail ID	
No of years in existence	
Technology/ Service Provided	Medical Equipments
Major OEM's/ Supplier dealing with	Dee Jay, Umrafi, Minlec, Advance
Areas/Locations Served or covered	West Rajasthan
Name of the Hand Tool Units served by the LSP	
No of Employees currently working	

Existing Skills of the employee and gaps	ITI
Main Competitors providing same technology	
Organisational Strength and Weakness	
Support Needed if any	

[Handwritten Signature]

LSP Mapping Report



Mukesh Bhoat
M. 94141-34002
Vinod Bhoat
M. 98297-37006

CE



Boparal Starter
Mototek Motor
Brek Motor
Gear Motor
DC Motor



Confederation of Indian Industry

BHOOT ENTERPRISES

Deals in : Lubi Electric Motors
A.C. Drivers & Monoblock Pumps
Water Pump
Opp. Post Office, Near Gol Building
Jalori Gate, Jodhpur. Ph. : 2630877
E-mail : bhootent@gmail.com

Format for Nagaur Hand Tool Cluster

Name of the Local Service Provider	Bhoot Enterprises
Address	Jalori Gate, Godhpur
Contact Person Name	Mullesh Bhoat
Designation	
Mobile No	9414134652
Email ID	bhootent@gmail.com
Existing skill set	
Education level	
What are your services	Electrical Equip. provider
What type of Industries you cover	
Type of challenges faced	
Type & name of OEM you work with	Lubi
New areas you would like to learn	
Areas in which training is required	
In which Language training material is required	
Is training material required in soft or hard copy	
Expectation from the project	

Suggestions/Remarks:

M. Bhoat



Hira Singh
(Partner)
Cell : +91-98762-00644

N.K. FORGING & ROLLING INDUSTRIES
(A UNIT OF NIRANJAN SINGH KARTAR SINGH FORGING PVT. LTD.)
MFRS. OF : FRICTION DROP HAMMERS, PRESSES & IT'S SPARES

LSP Data Collection Format for Jalandhar Hand Tool Cluster

Address	NK Forging & Rolling Industries, Bantpura Bhat 110-7 CHANDIGARH Road Ludhiana
Contact Person Name	Mr. Hira Singh
Designation	98762-00644, Partner
Mobile No	
Mail ID	
No of years in existence	info @ jagpreetindustries.com 50 Yrs.
Technology/ Service Provided	Hammer, Power Press, Friction Saws Presses.
Major OEM's/ Supplier dealing with	-
Areas/Locations Served or covered	All India
Name of the Hand Tool Units served by the LSP	Ajay Industries, HR International, Cup well, Ambika Forging,
No of Employees currently working	60 Nos.



Rattan Hammers
 Chandigarh Road, Maudan Khurd, Near Fortis Hospital,
 Ludhiana 141 123 INDIA
 Website : www.hammersindia.com
 Ph. : +91 161 2581133, 2695235, Cell: 98761 20325
 Mobile : 98740 - 20325
 Email : info@hammersindia.com, sukhdial51@gmail.com

Sukhdial Singh
 Mfg. Partner



LSP Data Collection Format for Jalandhar Hand Tool Cluster

Provider	Rattan Hammers.
Address	Maudan Khurd, Chandigarh Road Ludhiana
Contact Person Name	Mr. Sukhdial Singh
Designation	Partner
Mobile No	98740-20325
Mail ID	info@hammersindia.com, sukhdial51@gmail.com
No of years in existence	26 Years.
Technology/ Service Provided	Forging Machinery, Friction Drop Hammers Hot Forging Press Pinner Press.
Major OEM's/ Supplier dealing with	Hand Tools.
Areas/Locations Served or covered	Pan India
Name of the Hand Tool Units served by the LSP	I+R International, Ambika Overseas Victor Tools, Ajay Industries, Jinder Industries.
No of Employees currently working	125 Nos



LSP Data Collection Format for Nagaur Hand Tool Cluster

Name of the Local Service Provider	Rajasthan Tools
Address	89, RIIICO Industrial Area, Nagaur
Contact Person Name	Mr. Macroor Ahmed.
Designation	Plant Manager
Mobile No	8058660102
Email ID	-
Existing skill set	Machinist
Education level	Graduate
What are your services	Finance, Maintenance.
What type of Industries you cover	Forging, Hand Tools
Type of challenges faced	New Technologies are not available
Type & name of OEM you work with	
New areas you would like to learn	EE Technologies & Inva designs
Areas in which training is required	Operation & Production
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Both
Expectation from the project	Fullfill the LSP's requirement or reduction in production cost.

Suggestions/Remarks:
 For Rajasthan
 Prop. Manager



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	Karim Bux Hand Tools Industry
Address	52, PIIICO Industrial Area, Nagaur.
Contact Person Name	Ashfaq Ali.
Designation	Owner
Mobile No	9887786911
Email ID	ashfaqnurnultani786@gmail.com.
Existing skill set	Machinist, ITI
Education level	B. COM
What are your services	Furnace, Maintenance
What type of Industries you cover	Forging Industry
Type of challenges faced	Service providers not available
Type & name of OEM you work with	-
New areas you would like to learn	EE Technologies & Furnace Designs
Areas in which training is required	Operational Practices
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Both
Expectation from the project	Fulfil the LSP requirement, or reduction in production cost.

For Karimbux Hand Tools Industry
 Suggestions/Remarks:
 Prop. Manager



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	Abdul Samad.
Address	Loharpura, Nagaur.
Contact Person Name	Abdul Samad.
Designation	
Mobile No	8560079515
Email ID	
Existing skill set	
Education level	
What are your services	welding & maintenance.
What type of Industries you cover	
Type of challenges faced	
Type & name of OEM you work with	
New areas you would like to learn	Furnace Design
Areas in which training is required	
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Hard
Expectation from the project	

Suggestions/Remarks:

3102/12/112



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	Gulam Haider (Raja Forging)
Address	Kidway Colony, Nagaur
Contact Person Name	Gulam Haider
Designation	Labour
Mobile No	8619615676
Email ID	—
Existing skill set	—
Education level	B Com II YEAR
What are your services	Raja Forging (Maintenance Furner)
What type of Industries you cover	Hand Tools.
Type of challenges faced	Service Provider, not available
Type & name of OEM you work with	
New areas you would like to learn	Diy Making Technology Unit
Areas in which training is required	Visit Similar advance Unit
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Hard Copy.
Expectation from the project	Production Cost induction

Suggestions/Remarks:

Haider



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	Gulam Haider (Raja Forging)
Address	Kidway Colony, Nagaur
Contact Person Name	Gulam Haider
Designation	Labour
Mobile No	8619615676
Email ID	—
Existing skill set	—
Education level	B Com II YEAR
What are your services	Raja Forging (Maintenance Furner)
What type of Industries you cover	Hand Tools.
Type of challenges faced	Service Provider, not available
Type & name of OEM you work with	.
New areas you would like to learn	Diy Making Technology Unit
Areas in which training is required	Visit Similar advance Unit
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Hard Copy.
Expectation from the project	Production Cost induction

Suggestions/Remarks:

Haider



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	RANJHA HAND TOOLS IND.
Address	IND SRA Basni Road NAGOUR
Contact Person Name	09352013007 DILAWAR ALI
Designation	OWNER
Mobile No	9352013007
Email ID	Dilawarali@rajah.com
Existing skill set	
Education level	Graduate
What are your services	mantines & Furnace
What type of Industries you cover	Hand Tools
Type of challenges faced	EE Technology Not available
Type & name of OEM you work with	-
New areas you would like to learn	Visit similar units with advance tech.
Areas in which training is required	Furnace design
In which Language training material is required	Hindi
Is training material required in soft or hard copy	BOTH
Expectation from the project	Production Cost reduction

Suggestions/Remarks
 For Ranjah Hand Tools Ind.

 Manager



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	N.S. ENH. WORKS.
Address	94-95. RIICO INDUSTRIAL AREA
Contact Person Name	SHARAFAT HUSSAIN.
Designation	OWNER OWNER.
Mobile No	9414350174
Email ID	
Existing skill set	FLOOR SHOP.
Education level	METRIC
What are your services	MENTENANCE
What type of Industries you cover	HAND TOOL INDUSTRIES.
Type of challenges faced	Leak AIRING. System.
Type & name of OEM you work with	
New areas you would like to learn	EE TECHNOLOGY, FURNACE Digen
Areas in which training is required	FURNACE
In which Language training material is required	HINDI
Is training material required in soft or hard copy	BOTH
Expectation from the project	PRODUCTION COST REDUCE

Suggestions/Remarks:

→ *Shafiq*



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	U G Forging.
Address	Plot No. 91-92 RIIICO Nagaur.
Contact Person Name	Dilawar Ali
Designation	Plant Manager.
Mobile No	9413101592
Email ID	
Existing skill set	Flour Shop Training.
Education level	H.S.C.
What are your services	Plant maintenance.
What type of Industries you cover	Hand Tool.
Type of challenges faced	-
Type & name of OEM you work with	-
New areas you would like to learn	-
Areas in which training is required	-
In which Language training material is required	-
Is training material required in soft or hard copy	-
Expectation from the project	-

Suggestions/Remarks:

दिलदार अहमद



LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	KB Industries
Address	Loharpura, Nagaur
Contact Person Name	Mr. Khuda Bux
Designation	Owner
Mobile No	9352910424
Email ID	Khudabux910@gmail.com
Existing skill set	Flowsheet.
Education level	Graduate
What are your services	Machining, polishing.
What type of Industries you cover	Hand Tools.
Type of challenges faced	Milling Tool quality, grinding & polishing quality
Type & name of OEM you work with	-
New areas you would like to learn	Adopting Broach Machining
Areas in which training is required	Cutting Tool, grinding Belts,
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Hard copy
Expectation from the project	Production cost reduction & improves quality.
Suggestions/Remarks: Khuda Bux	

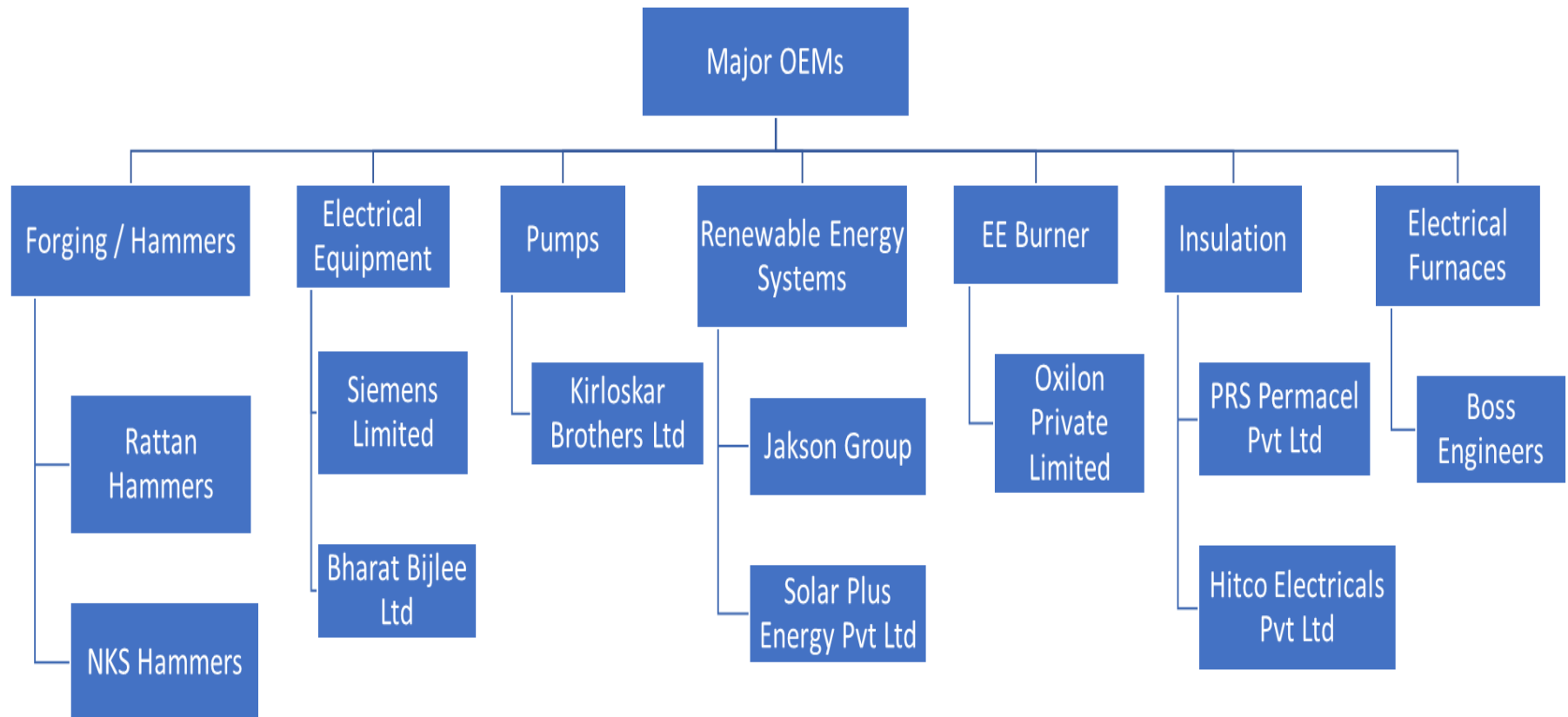


LSP Data Collection Format for Nagaur Hand Tool Cluster	
Name of the Local Service Provider	JAINA TOOLS INDUSTRIES
Address	OLD RICO, NAGAUR
Contact Person Name	SANAT KUMAR JAIN
Designation	OWNER
Mobile No	9414216962
Email ID	jainahandtools@gmail.com
Existing skill set	
Education level	Graduate.
What are your services	Hand tools
What type of Industries you cover	Tools
Type of challenges faced	Machinery issue
Type & name of OEM you work with	-
New areas you would like to learn	Machinery
Areas in which training is required	"
In which Language training material is required	Hindi
Is training material required in soft or hard copy	Both
Expectation from the project	Project cost reduction (Production)

Suggestions/Remarks:

R. J. J.

7.2 Annexure 2 – List of Major OEMs in Nagaur Hand Tool Cluster



7.3 Annexure 3 – List of LSPs in Nagaur Hand Tool Cluster

S NO	Name of LSP/Company	Address	Contact Person	Designation	Mobile No	Mail-id	No. of years in existence	Service
1	Beltors India	Chopasni Road, Jodhpur	Mr. Chaggan Chopra	Proprietor	9414701309	chhaganchopra@gmail.com	20	Engineering Goods
2	Khatri Machinery Stores	Kankariya Building, Chopasni Road, Jodhpur	Mr. Mukesh Khatri	Manager	9829022101	khatri.mukesh31@gmail.com	42	All Electrical Equipment
3	Janta Electric Rewinding Works	Shop no 9, Hinjdo ki haveli Nakash Gate Station Road Nagaur	Mr. Ajay Singh	Proprietor	9414245013/ 9351223780		15	Electrical Maintenance, Motor Rewinding
4	Sankhla Gharelu Ata Chakki Store	Infront of Roadways Bus Stand Nagaur	Mr. Ghanshyam Sankhla	Proprietor	9214031306/ 9314031306		25	DG sets, Monoblock Pump Sets
5	Vishwakarma Training Company	Saini Transport Company Near Hanuman Mandir Ajmer Road Nagaur 341001	Mr. Vijay Kumar	Proprietor	9461350721/ 9461331721		15	Electrical Equipment, Pumps, Motors
6	Ojha Rewinding & Repairing Centre	Station Road Shivbada Nagaur 341001	Mr. Vijay Ojha	Proprietor	9413410952/ 9413411852		33	Electrical Maintenance, Motor Rewinding

S NO	Name of LSP/Company	Address	Contact Person	Designation	Mobile No	Mail-id	No. of years in existence	Service
7	Shree Vishwakarma Engineering Works	Hanuman Bagh Trust Mundwa Road Nagaur	Mr. Kanhaiya Lal	Proprietor	9460110063		20	Electrical Maintenance, Motor Rewinding
8	Choudhary Sales	Opposite Roadways Bus Stand Nagaur	Mr. Rajendra Choudhary	Proprietor	9414863175/ 9414468510	rajendrachoudhary8510@gmail.com	25	Solar Panels, Invertor, Batteries
9	Kankariya Machinery Store	Sanicharji Ka Than, Jalorigate, Chopansi Road, Jodhpur	Mr. Montu Kothari	Proprietor	9413326950	kms0291@yahoo.com	25	Monoblock Pumps, Sub pump sets, Wires, Cables
10	Rathi & Company	Near Mandhana Bhavan Darulal Sharda Marg, Chopansi Road Nagaur	Mr. Rathi	Manager	9414134612	rathicompany@gmail.com		Bearing Provider
11	Western Nearing Company	Shop No 6, Panch Ratan Apartment, Near Dalda building, 5th Chopansi Road, Jodhpur	Mr. Khalique	Proprietor	9680629786	westernbrg@yahoo.co		Bearing Provider
12	Indcon Engineering Works	Shri Mahalakshmi Market, Near Gol building, Jodhpur 342003			9413610500/ 9460674500			Electrical Equipment

S NO	Name of LSP/Company	Address	Contact Person	Designation	Mobile No	Mail-id	No. of years in existence	Service
13	Bhoot Enterprises	Opposite Post Office, Near Gol Building Jalori gate, Jodhpur	Mr. Mukesh Bhoot		9414134652	bhootent@gmail.com		Electric Motors, AC Drives, Monoblock Pump sets, Water pump
14	N K forging & rolling Industries	Street no. 7, Beant pura, Chandigarh Road, Ludhiana	Mr. Hira Singh	Partner	9876200644	info@forginghammer.com	50	Forging Machinery
15	Rattan Hammers	Mundian Khurd, Chandigarh Road, Ludhiana	Mr. Sukhdial Singh	Partner	9814020325	info@hammerindia.com	36	Forging Machinery
16	Rajasthan Tools	89 RIICO Industrial Area Nagaur	Mr. Mansoor Ahmed	Plant Manager	8058660102		34	Furnance Maintenance
17	Karim Bux Hand Tool Udyog	52 RIICO Industrial Area Nagaur	Mr. Ashfaque Ali	Owner	9887786911	ashfaquemulti786@gmail.com	34	Furnance Maintenance
18	Abdul Samad	Loharpura Nagaur	Mr. Abdul Samad	Freelancer	8560079515		25	Furnace Manufacturer
19	Raja Forging	Kudway Colony Nagaur	Mr. Gulam Haider	Labour	8619615676		17	Plant Maintenance
20	Ranjha Hand Tools Industry	Industrial Area Bansi Road Nagaur	Mr. Dilawar	Owner	9352013007	dilawaraliranjha@gmail.com		Plant Maintenance
21	N S	94/95 RIICO	Mr. Sharafat	Owner	9414350174		34	All Type of

S NO	Name of LSP/Company	Address	Contact Person	Designation	Mobile No	Mail-id	No. of years in existence	Service
22	U G Forging	Plot No 91 92 RIICO Industrial Area Nagaur	Mr. Dildar Ahmed	Labour	9413101592		10	All Type of Maintenance
23	K B Industries	Loharpura Nagaur	Mr. Khuda Bux	Owner	935291424	khudabux910@gmail.com		Machining, Polishing
24	Jaina Tools Industries	Old RIICO Nagaur	Mr. Sanat Kumar Jain	Owner	9414216962	jainahandtools@gmail.com		Maintenance

