



**BREIF INDUSTRIAL PROFILE  
OF  
KHEDA DISTRICT**



**MSME- DEVELOPMENT INSTITUTE**

**GOVERNMENT OF INDIA**

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1.

## **Brief Industrial Profile of Kheda District**

### **1. General Characteristics of the District**

#### **1.1 Location & Geographical Area:**

Kheda district lies between 72.32`-73.37` East (Longitude) to 22.30`-23.18` North (Latitude) on the World Map. Geographical area of the district is 3,958.84 sq. km.

#### **1.2 Topography:**

Kheda district is situated on Southern part of Gujarat State having area of 3959 sq.kms. Geographically it lies on the Southern part of Gujarat, which comes between 22.30' to 23.18' degree North latitudes and 72.32' to 73.37' degree Longitude at Eastern side. Kheda is surrounded by common boundaries with four other districts of Gujarat State namely Ahmedabad, Panchmahal, Sabarkantha and Vadodara. On the Southern part, Khambhat Tehsil of Anand district has natural boundary of the Gulf of Cambay with Kheda district. Total geographical area of the district is 3959 sq. km, which amounts to 2.02 percent of the total geographical area of the State. The district is divided into 10 talukas and 617 inhabited villages and 8 inhabited towns.

Kheda district is famous by the name "Golden Leaf" since many decade it a major producer of tobacco in Gujarat State. Moreover, it has strong base of cotton cultivation specifically in Nadiad. Nadiad tehsil is the main industrial center in the district, centrally concentrated industries like Textiles, Paper, Electrical equipments and Food Processing. It is one of largest corrugated boxes in the country with Core Emballage Ltd unit presently in the district.

## 2.

Ceramics, Plastic and its products, Cement and Gypsum manufacturing industries are up coming in the industrial sector. There is great potential of further development in the district. Matar tehsil has abundant reserves of natural gas. Shell India has its bottling and filling plant in the district for Oil and natural gas.

### **1.3 Availability of Minerals:**

#### **A) Description:**

There are various types of minerals available in different tehsils of the district, which are further classified into two categories as major and minor minerals. In major minerals group Bauxite Quartz, and Laterite are found in Taiyabpura, Salod, Sorna, Savli and Mirzapur villages of Kapadvanj tehsil, Dakor, Amrutpura and Porda Villages of Thasara tehsil. Bauxite area in Taiyabpura is 6.73 km. And, it is used in manufacturing aluminium metal, Fatkadi and other arsenic liquids and cement also. It is expected that approximately 890 lac ton reserves of bauxite lies in the district. Besides, Quartz is also found in Bharodi, Bar, Limbarvada, Bhatoda, Saradiya, Viraniya villages and in Virpur town of Virpur tehsil of the district. Some of the mineral based industries in Kheda are Bauxite pulverizing plant, Bentonite pulverising plant, Cement plant, Crockery\Ceramic unit, Glazed Tiles, Marble cutting & polishing and Quartz crushing units.

In Minor Minerals group Bentonite is found in Kapadvanj town, Mirzapur and Mahmmadpura villages of Kapadvanj tehsil. It is used in drilling of oil fields, Petroleum refineries, ferrous and non-ferrous metallurgy, foundries, and bonding material in cosmetics, pharmaceuticals, paints, ceramics, and insecticides etc. While, Limestone is found in Balasinor town, Dolatpura, Gadhavada, Jotholi and Karanpura villages of Kapadvanj tehsil and, in Rozva and Handiya villages of Tahsra tehsil.

### 3.

Granite and Quartzite are also found in Balasinor town, Dolatpura, Gadhavada, Jotholi, Karanpur, Sarvaiya and Naspur villages of Balasinor tehsil and, in Angadi, Rustampura, Pali and Sonpur villages of Tahsara tehsil. Black Trap is found in Danadara, Vadala and Mal Itadi villages of Kapadvanj tehsil and, Othwad village in Balasinor tehsil and, it is also found in Pali, Sevaliya, Angadi, Rustampura and Sonipur villages in Thasara tehsil. While, Sand\Gravel is found in Mehmabad town, Raska, Khatraj and Mankva villages of Mehamdabad tehsil, Sarkhej, Sahpur, Bhatara, Pato, Khadal and Ratanpur villages and Kathlal town in Kathlal tehsil and Bilodara, Manjipura and Alajada villages of Nadiad tehsil.

Moreover, quartzite is also found in Bar, Limbarwada, Bhatod, Satniya and Viranya villages and in Virpur town of Virpur tehsil.

#### **B) PRODUCTION OF MINERALS 2010-11**

SL. No.	Name of Mineral	Production (M. T.)
MAJOR MINERALS		
1.	Bauxite	21419.000
2.	Quartz	84678.878
MINOR MINERALS		
1.	Black Trap	3210053.616
2.	Sand	564554.967
3.	Bentonite	4016.000
4.	Clay	21832.115
5.	Gravel	44030.072
6.	Quartzite	4336.000
7.	Murom	2217.295
8.	Limestone	1202.000

Source: Assistant Geologist, Geology & Mining Department, Kheda.

4.

#### **1.4 Forest:**

The district has a reserved forest area of 6276.89 hectares and it is mainly located in Balasinor and Virpur tehsil. The State Government through Forest Department Authority has undertaken various concrete steps relating to forestry and waste land development. The Forest Department is having network of nurseries in all the tehsil for supplying of seeds. There is no production or collection of forest goods in the district.

#### **1.5 Administrative Set Up:**

Nadiad town is the district head quarter for the administration of Kheda district. Besides, there are other talukas namely Balasinor, Kapadvanj, Kathlal, Kheda, Mahudha, Matar, Mehmadaavad, Thasara and Virpur. There are total 10 talukas and 620 villages in the district.

Collector office is situated in Nadiad town which looks after the administration of the whole district. Besides there are 10 municipalities and total 559 village panchayats including some group panchayats look after the administration at local levels and cooperates to the district headquarter for strengthening the economic growth of the district. Moreover, there are 10 Tehsil Panchayats, 8 Nagar Palika, and 3 Municipal Bureau helps the district in the local administration.

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## 2. District at a Glance:

Sl. No.	Particular	Year	Unit	Statistics
<b>1.</b>	<b>Geographical Features</b>			
(A)	Geographical Data	<b>2010-11</b>		
	i) Latitude	22.30 to 23.18 Northern		
	ii) Longitude	72.32 to 73.37 Eastern		
	iii) Geographical Area	Hectares	3958.84 Sq. Km.	
(B)	Administrative Units			
	i) Sub Divisions			2
	ii) Tehsils			10
	iii) Sub-Tehsils			-
	iv) Patwari Circle			-
	v) Panchayat Samiti			10
	vi) Nagar Nigam			3
	vii) Nagar Palika			8
	viii) Gram Panchayats			620
	xi) Revenue Villages			559
	ix) Assembly Area			7
<b>2.</b>	<b>Population</b>			
(A)	Sex-wise			
	i) Male	2011	No.	11,87,098
	ii) Female	2011	No.	11,11,836
(B)	Rural Population	2011	No.	17,75,716
<b>3.</b>	<b>Agriculture</b>			
A.	Land Utilisation			
	i) Total Area	2010-11	Hectare	3,94,388
	ii) Forest cover	2010-11	Hectare	9807
	iii) Non Agriculture	2010-11	Hectare	42,421
	iv) Cultivable Barren Land	2010-11	Hectare	958
<b>4.</b>	<b>Forest</b>			
	(i) Forest	2010-11	Hectare	9807

## 6.

<b>5.</b>	<b>Livestock &amp; Poultry</b>			
A.	<b>Cattle</b>			
	i) Cows	2007	Nos.	1,21,802
	ii) Buffaloes	2007	Nos.	2,35,501
B.	<b>Other Livestock</b>			
	i) Goats	2007	Nos.	98,765
	ii) Pigs	2007	Nos.	7,764
	iii) Dogs & Bitches	2007	Nos.	NA
	<b>IV) Railways</b>			
	i) Length of rail line		Km.	187
	<b>V) Roads</b>			
	(a) National Highway	2010-11	Km.	205
	(b) State Highway	2010-11	Km.	508
	(c) Main District Highway	2010-11	Km.	182
	(d) Other District & Rural Roads	2010-11	Km.	44
	(e) Rural road/Agriculture Marketing Board Roads	2010-11	Km.	66
	(f) Kachcha Road	2010-11	Km.	Nil
	<b>(VI) Communication</b>	2010-11		
	(a) Telephone Connection		No.	
	(b) Post Offices(including GPO, Sub Post Offices , Branch Post Offices & Telegraph Offices)		No.	310
	(c) Telephone Center(Exchange)		No.	90
	(d) Density of Telephone		No. per 1000 person	19.67
	(e) Density of Telephone		No. per km.	1016
	(f) PCO Rural		No.	380
	(g) PCO STD		No.	540
	(h) Mobile		No.	NA

## 7.

	<b>(VII) Public Health</b>			
	(a) Allopathic Hospital (Govt.)	2010-11	No.	12 (Govt.)
	(b) Beds in Allopathic Hospitals	2010-11	No.	1196
	(c) Ayurvedic Hospitals	2010-11	No.	NA
	(d) Beds in Ayurvedic Hospitals	2010-11	No.	NA
	(e) Unani Hospitals	2010-11	No.	Na
	(f) Community Health Centers	2010-11	No.	12
	(g) Primary Health Centers	2010-11	No.	51
	(h) Dispensaries (G-53 and Other-5)	2010-11	No.	58
	(i) Sub Health Centers	2010-11	No.	307
	(j) Private Hospitals (Incl. others)	2010-11	No.	11
	<b>(VII) Banking Sector</b>			
	(a) Commercial Bank		No.	144
	(b) Rural Bank		No.	
	(c) Co-operative Bank		No.	31
	(d) PLDB Branches		No.	NA
	<b>(IX) Education</b>	2010-11		
	(a) Primary School		No.	1655
	(b) Middle School		No.	251
	(c) Secondary & Senior Secondary Schools		No.	204
	(d) Colleges		No.	45
	(e) Technical University		No.	01

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### 2.1 (A) Existing Status of Industrial Estates in Kheda District:

Sl. No.	Name of Indl. Area	Land acquired (Hec.)	Land Developed (Hec.)	Prevailing Rate per Sq. Mtr. (Rs.)	No. of Plots	No. Of Allotted Plots	No. of Vacant Plots	No. of Units in Production
1	Nadiad-I	15.53	1.11	1100	114	114	0	NA
2	Nadiad-II	19.22	0.6	1050	21	21	0	NA
3	Kapadvanj	10.28	0.61	265	76	76	0	NA
4	Matar	11.56	1.18	265	63	63	0	NA
5	Balasinor	25.90	1.65	135	110	110	0	NA
6	Thasara	8.16	0.67	395	39	39	0	NA

**Source: GIDC, VU Nagar.**

### 2.1 (B) Telecommunication Infrastructures:

The facility of Telecommunication Infrastructure in the district during the year 2010-11 is as given below:

Sl. No.	Particulars	Quantity Type	Total
1	Telephone Connections	No.	39,818
2	Telephone Center (Total No. of Exchange)	No.	98
3	Density of Telephone	No./ per 1000 person	19.67
4	Density of Telephone	No. per km	1016
5	PCO Rural	No.	380
6	PCO STD	No.	540
7	Mobile * (Segregation of data is not possible, hence is provided combined for Anand & Kheda Districts.)	No.	2,26,139

### **3. INDUSTRIAL SCENARIO OF KHEDA:**

Kheda district is also known by the name 'Golden Leaf' since it is the major producer of tobacco in the State. Moreover, the district is also major producer of cotton in the State. Nadiad tehsil is the main industrial center in the district with major concentration of industries in sectors like textiles, Paper, Electrical equipments and food Processing etc. Core Emballage Ltd., one of the largest corrugated boxes manufacturing company is operating in the district.

Thermal Power Station at Wanakbori in Kheda district with a total installed capacity of 1,470 MW is the largest coal-based Thermal Power Station in the State. Focus sectors include Agriculture; Mineral based industries, Plastic & its Products, Cement & Gypsum, Engineering and IT etc. There are huge natural gas reserves in Matar tehsil of the district. Oil and Gas Company Sheel India Ltd. has its bottling and filling plant in the district. One of the oldest Textile industries New Shorock Mills (Division of Mafatlal Industries) is still operating in the district since its inception in 1912. Cattle Feed Plant Amul Daan is operating at Kanjari Village of Nadiad Tehsil since its inception in 1964.

There are 8,186 Small Scale Industries operating in Kheda district. Some of the main industries are Chemicals, miscellaneous manufacturing industries, repairing services, food products and non-metallic mineral products industries. Approximately 2,521 units are related to Repairing Services followed by Textile industry with approximately 1,086 units in the district. Most of the small scale industries are concentrated in Nadiad, Kapadvanj, Thasara and Mehmabad tehsil.

## 10.

Major portion of the small scale industries belongs to Repairing Services with nearly 33 %, followed by Textiles with 14 %, Misc. Manufacturing units with 13 %, Food & Wood products and with 8 %, Machinery & parts and metal products 4%, non-metallic mineral products and other industry with 3 % respectively contributes in the manufacturing and services to GDP of the district.

### 3.1 Industry at a Glance

<b>Sl. No.</b>	<b>Head</b>	<b>Unit</b>	<b>Particulars</b>
1	REGISTERED INDUSTRIAL UNIT	No.	738
2	TOTAL INDUSTRIAL UNIT	No.	738
3	REGISTERED MEDIUM & LARGE UNIT	No.	16
4	ESTIMATED AVERAGE NO. OF DAILY & WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	No.	12,089
5	EMPLOYMENT IN LARGE & MEDIUM INDUSTRIES	No.	6,814
6	NO. OF INDUSTRIAL AREA	No.	-
7	TURNOVER OF SMALL SCALE INDUSTRIES	Rs. (in Lacs).	21602.55
8	TURNOVER OF MEDIUM & LARGE SACLE INDUSTRIES	Rs. (in Lacs)	77836.31

### 3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT (No.)	INVESTMENT (Lakh Rs.)
Up to	1984-85	3749	29112	3365.94
	1985-86	4023	30592	3688.50
	1986-87	4309	32614	3922.74
	1987-88	4642	34393	4215.68
	1988-89	4990	35565	4512.41
	1989-90	5336	36685	4805.71
	1990-91	5767	38386	5239.16
	1991-92	6282	40690	5918.53
	1992-93	6895	42934	6350.90
	1993-94	7506	44910	6838.38
	1994-95	8127	46768	7630.60
	1995-96	8757	48184	8359.19
	1996-97	9387	49457	8917.80
	1997-98	10057 *	51054	9738.58
	1998-99	5068	18320	5248.90
	1999-2000	5519	19271	6007.30
	2000-01	5960	20096	6357.99
	2001-02	6181	20581	6822.49
	2002-03	6631	21433	6997.20
	2003-04	7057	22090	7183.65
	2004-05	7482	22665	7605.36
	2005-06	7893	23238	8090.68
	2006-07	8186 *up to 30/09/06	25055	13984.00
	2006-07	15 * From 02/10/06 to 31/03/07	334	1339.00
	2007-08	212	3880	7692.10
	2008-09	125	2409	6142.00
	2009-10	134	2219	8634.00
	2010-11	102	1427	4839.47
	<b>Total</b>			

- (Note: Including Anand District which was together with Kheda District up to 1997-98.

Source: DIC, Kheda.

12.

**3.3 (A) DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN KHEDA DISTRICT UP TO 31.03.2004:**

<b>NIC CODE</b>	<b>TYPE OF INDUSTRY</b>	<b>No. Of UNITS</b>	<b>INVESTMENT (Lacs Rs.)</b>	<b>EMPLOYMENT</b>
20	Agro based	1177	1561.97	4171
22	Soda Water	-	-	-
23	Cotton Textile	2321	529.75	5340
24	Woolen, silk & artificial Thread based clothes	-	-	-
25	Jute & Jute based	-	-	-
26	Readymade garments & Embroidery	-	-	-
27	Wood/wooden based furniture	1249	1245.95	5221
28	Paper & Paper products	362	590.72	1732
29	Leather based	216	532.64	492
30	Rubber, Plastic & Petro products	449	611.50	1689
31	Chemical & Chemical based	456	2347.74	3201
32	Mineral based	586	1743.09	6318
33	Metal based(Steel Fabrication)	548	450.75	2183
35	Engineering Units	687	566.62	20242
36	Electrical Machinery & Transport Equipment	279	561.44	1917
97	Repairing & Servicing	-	-	-
01	Others	5227	3088.11	8097
	Kachori Making	-	-	-

**Source: DIC, Kheda.**

**3.3 (B) DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN KHEDA DISTRICT FROM 02.10.2006 To 31.03.11:**

<b>NIC CODE</b>	<b>TYPE OF INDUSTRY</b>	<b>No. Of UNITS</b>	<b>INVESTMENT (Lacs Rs.)</b>	<b>EMPLOYMENT</b>
20	Agro based	217	2887.30	1272
22	Soda Water	-	-	-
23	Cotton Textile	026	2082.00	435
24	Woolen, silk & artificial Thread based clothes	-	-	-
25	Jute & Jute based	-	-	-
26	Readymade garments & Embroidery	-	-	-
27	Wood/wooden based furniture	093	2669.20	2321
28	Paper & Paper products	024	509.11	1130
29	Leather based	-	-	-
30	Rubber, Plastic & Petro products	040	2736.74	1134
31	Chemical & Chemical based	062	2875.20	1291
32	Mineral based	065	2765.00	1301
33	Metal based(Steel Fabrication)	088	1612.00	472
35	Engineering Units	020	113.00	48
36	Electrical Machinery & Transport Equipment	049	1100.00	382
97	Repairing & Servicing	017	265.00	423
01	Others	043	1988.00	NA
	Kachori Making	-	-	-

Source: DIC, Kheda.

### **3.4 Large Scale Industries/Public Sector Undertakings.**

Industrial units having investment exceeding Rs. 10 crore in plant and machinery are classified as large industrial units. An Entrepreneur or a company desirous to set up a large project needs an approval in the form of industrial license from Government of India (GOI) under the provisions of Industries (Development and Regulations) Act, 1951. In July 1991, Government of India liberalized the licensing procedure and exempted almost all the industries from the purview of industrial licensing, except a few industries which are of strategic importance. As per the present licensing procedure, only two industries are reserved for public sector and four industries, which are of strategic importance, need an industrial license. The rest of industries are required to file Industrial Entrepreneur's Memorandum (IEM) with Secretariat for Industrial Approval, Ministry of Commerce & Industry, Government of India, on observing certain requirements with respect to location and environment. In the case of setting up of an Export Oriented Unit (EOU) or setting up a project in Special Economic Zone (SEZ), a Letter of Permission (LoP) is required to be obtained from the Development Commissioner of the concerned SEZ. Thus, the procedure for setting up a large industrial unit would be either filing of IEM, obtaining Letter of Intent (LOI)/ Industrial License or obtaining Letter of Permission (LoP) in the case of 100% EOU or SEZ unit. At present there are 20 medium and large scale industries in Kheda.

15.

**Details of Medium & Large units operating in Kheda district and nearby Area are as given below:**

<b>Name of Unit</b>	<b>Tehsil</b>	<b>Item manufactured</b>
G. E. Lighting (I) Ltd.	Matar	Glass Cell, Glass Lamps, F. S. Tubes etc.
Apar Ltd.	Nadiad	Electric Equipments
Shell India Ltd.	Matar	L. P. G. (Gas Filling).
Shri Shakti Paper Board Mill Pvt. Ltd.	Nadiad	Mill Board, Craft Board.
Core Emballage Ltd.	Kheda	Corrugated Boxes.
Mafatlal Industries Ltd.	Nadiad	Textiles.
Torrent Cables Ltd.	Nadiad	PVC Power Cable and Wire.
Cattle Feed Factory	Nadiad	Amul Cattle Feed (Daan).
Khatraj Satellite Dairy	Kheda	Cheese.
ADF Foods Ltd.	Nadiad	Pickles, Chutneys, and Cooking Paste etc.
Prabhat Pottery Works Pvt. Ltd.	Kheda	Sodium Silicate, M. S. Ingots and Casting tec.
Hindustan Coca-Cola Beverages Pvt. Ltd.	Goblaj	Aerated Water.
Dutron Polymers Ltd.	Matar	HDPE Parts and PVC Pipes.
Kaira Cane Co. Ltd.	Nadiad	Open Top Canes.
Royal Castor Industries	Matar	Castor Oil.
Merck Bioscience Ltd.	Kheda	Large volume & Small volume Parental.

Britco Foods Company Ltd.	Matar	Natural or Artificial mineral water.
Transatlantic Packaging Pvt. Ltd.	Kheda	Thermoformed plastic packaging
Sailani Agro Tech Industries	Matar	Refined Castor Oil.
Varun Seacon Ltd.	Kheda	Refrigerated and plain Marine Containers.
Nebros Pharmaceuticals	Kheda	Tablets & Capsules.
Ms. Mark Parenters (I) Ltd.	Matar	IV Fluids.
Kalptaru Alloys Pvt. Ltd.	Matar	Strip Coil Pipe, Sections
Posco Poggen Amp Electrical & Steel Pvt. Ltd.	Kheda	Components of Transformers
Ashima Paper's Pvt. Ltd.	Matar	Craft Paper
Shri Jalaram Rice Industries (P) Ltd.	Kheda	Rice, Paddy & Rice Processing & Milling

### 3.5 Major Exportable Items:

Some of these companies namely Ms. Mark Parenters (I) Ltd. - IV Fluids, Mafatlal Industries- Textile products, Khatraj Satellite Dairy-Cheese, and ADF Foods Ltd.-Pickles, Chutney and Cooking paste etc, are exporting their products in the foreign countries.

### 3.6 Growth Trend:

As per the Industrial Entrepreneur Memoranda (IEMs) filed, sectors has shown growth in investments during 1998-2007 over previous decade of 1988-1997 are Ceramics, Plastic and its Products, Cement & Gypsum, and Miscellaneous Machinery etc.

## 17.

These sectors account for investments to nearly Rs. 23 Crore during 1988-1997. However, during 1998-2007 tremendous growth in investments was shown in these sectors for nearly of Rs. 270 Crore. During the decade 1998-2007 Cement & Gypsum sector has shown maximum investments followed by Paper and its products industry to the tune of Rs. 1,372 Crore nearly 59 % of the total investments and has created next highest employment of 2,974 jobs and followed by electrical equipment sector has also create 1,748 jobs in the district. Highest employment was generated by the Textile sector with 6,002 jobs during 1988-1997 and an investment of Rs. 186 Crore. Cement & Gypsum sector has emerged as a new sector attracting highest investment of Rs. 208 Crore contributing 47 % of the total investments in the district during 1998-2007.

Food processing industries attracted next highest investment of Rs. 86 Crore with creating as many as 301 jobs. Plastic and its Products grew tremendously attracting investment of rs. 44 Crore with nearly 50 % increase in total number of units and generating employment of 528 jobs. An upward trend in investments was observed in Ceramics sector with growth of over 150 %. Engineering & Automobiles, Pharmaceuticals and Chemicals sectors are also prominent sectors to attract higher investments. Chemical sector received highest proposed investment for Rs. 100 Crore with a plan to set up a calcium manufacturing unit in the district. The next highest investment was proposed in the Pharmaceutical sector with an investment of Rs. 72 Crore. Engineering & Automobiles sector received investment from Torrent Cable Ltd. and, C M Smith & Sons Ltd. with an aggregate amount of Rs.80 Crore.

The proposal for setting up an integrated Textile Park in Kheda is expected to fuel the industrial and economic growth of the district with increase in employment opportunities and investments in the textile sector.

## 18.

The completion of Ahmedabad-Nadiad Expressway and Nadiad-Vadodara Expressway, Two Lane Dual Carriage way with full access control has enabled to save time in commuting between the districts and increase the commercial value of the region because of better accessibility. The emerging industrial sectors such as Paper, Cement & Gypsum and Ceramics showed an upward trend in investments in the last two decades. This would further boost the industrial growth and economy of the district. Kheda has some of the best mineral based industries which offer scope of further investments in the Mining sector.

### **Support Infrastructure Facilities:**

Kheda is well connected by various cities by road. N. H. 8 passes through the district connecting it to the cities such as Ahmedabad (52 km), Surat (226 km) and Vadodara (59 km), Gandhinagar (83 km), Vapi (323 km), Mehsana (126 km) and Ankleshwar (143 km) of the State. It is also well connected with Delhi (848 km), Mumbai (511 km), Hyderabad (1028 km) Kolkata (1865 km) and Chennai (1575 km) with other major industrialized and metro cities of the country.

Kheda is also well connected with other districts of the state as well as other metro cities of the nation through Mumbai-Ahmedabad Broad gauge Western railway line.

The nearest airport is located in Vadodara only 38 km away from the district Headquarter Nadiad. It connects the district with important cities such as Ahmedabad, Delhi, Mumbai and Pune.

The nearest ports are Hajira and Dahej.

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### **3.7 Vendorisation/Ancillarisation of the Industry:**

Looking into the requirements of Medium/Large scale industries, following industries could be considered for establishment in the district:

1. Aluminum Bottles
2. HDPE Bottles
3. Aluminium Tin Container
4. Plastic Bottles
5. Hardware like Nuts, Bolts, Washers, Nails etc.
6. Pipes and fittings, Elbow, bend
7. Polythene Bags
8. Oil Seeds
9. Oil Cake
10. Caustic Soda
11. Salt
12. Jute Bags
13. Phenyl, Tiles, Cleaners, Acids
14. Stationery items like Box/Flat Files, Zerox paper, pens etc.
15. Plywood
- 16 Oil seals, 'O' Rings, Rubber Parts

20.

- 17. Phosphoric acid
- 18. Wire Ropes and other Lifting MATER
- 19 Carbon
- 20. Haxane

### **3.8 Medium Scale Enterprises:**

Industrial units having investment not exceeding Rs.10 crore in plant and machinery are classified as medium scale industrial units. An Entrepreneur or a company desirous to set up a medium scale project needs an approval in the form of IEM Part-I or IEM Part-II from District Industries Center, Government of Gujarat (GoG) of respective District Head quarter. In the sense that the industries are required to file Industrial Entrepreneur's Memorandum (IEM) with Secretariat for Industrial Approval, Ministry of Commerce & Industry, Government of India, on observing certain requirements with respect to location and environment. In the case of setting up of an Export Oriented Unit (EOU) or setting up a project in Special Economic Zone (SEZ), a Letter of Permission (LoP) is required to be obtained from the Development Commissioner of the concerned SEZ. Thus, the procedure for setting up a large industrial unit would be either filing of IEM, obtaining Letter of Intent (LOI)/ Industrial License or obtaining Letter of Permission (LoP) in the case of 100% EOU or SEZ unit. There are 8,186 small scale industries operating in the district, amongst which chemicals, varied manufacturing industries, repairing services, food products and non-metallic minerals products are the significant sectors in the SSI.

### 3.8.1 List of Units in Kheda & nearby Area:

Details of Medium Scale Enterprises are as under:

<b>Name of Enterprises</b>	<b>Tehsil</b>	<b>Product Manufactures</b>
Vrindavan Furnishing Pvt. Ltd.	Kheda	Textile Products, Grey Fabric, Processed Fabrics etc.
Artistique Ceramic Pvt. Ltd.	Kheda	Ceramic wall tiles, Flooring Blocks, Roofing wall tiles
Somnath Weaving Pvt. Ltd.	Kheda	Manufacture of Textile Products, Grey Fabrics etc.
Bhagwati Woven Pvt. Ltd.	Kheda	Manufacture of Rain coats of Water proof textile fabrics or plastic sheets and HDPE Tarpaulin Fabrics.
Shree Gauri Rice Mill Pvt. Ltd.	Nadiad	Rice Milling: Rice Milling Boil
Lawis Signature Panel Pvt. Ltd.	Kathlal	Manufacture of Practical Board, Fiber Boards incl. Densified Wood Practical Board and Prelam Practical Board etc.

### 3.8.2 Major Exportable Items:

Potential for exportable items manufactured by the Medium Scale Enterprises are Textile products, Grey fabrics and HDPE tarpaulin fabrics etc. to the foreign countries.

### **3.9 Service Enterprises:**

Under Industrial Policy 2009 introduced by Government of Gujarat in collaboration of District Industries situated in all the district of the State, DIC(Kheda) at Nadiad extends financial support to the existing service sector engaged in Tailoring service (with electric motors\manual machines), Embroidery work, Washing and ironing of clothes, Beauty parlor, Transport services, Wiring & Plumbing services, Auto repairing, Painting of signboards and hoardings, Air-conditioners and refrigerators repairing, Cobbler services, Consumer electronic appliances, Armature & motor rewinding, Book binding & spiral binding, vulcanising of tyres and tubes, Agriculture machinery & equipments repairing, Catering, Hair cutting services, decorators, Cyber café, Currier service, Private Coaching classes engaged in preparing skilled persons etc. at micro level to the people in the district.

#### **3.9.2 Potential Areas for Service Industry:**

The potential areas for Service Industry can be further classified into various groups such as:

##### **A) Toolkit for Self-employed women at the urban and rural level for**

<b>Sl. No.</b>	<b>Description as NIC 2004</b>	<b>5 Digit Code</b>
1	Custom Tailoring (with Manual machine)	18105
2	Custom Tailoring (with electric motors)	18105
3	Washing & ironing of clothes	93010
4	Beauty Parlor	93020

23.

**B) Toolkit for Repair Service Providers:**

<b>Sl. No.</b>	<b>Description as NIC 2004</b>	<b>5 Digit Code</b>
1	Repair of bicycles and other non-mechanical vehicles	52605
2	Repair of household electrical appliances	52602
3	Plumbing & drainage	45301
4	Repair of TV, VCR, Refrigerator etc.	52603
5	Printing of advertising material	22211
6	Repair & maintenance of electric motors, generators & transformers	31108
7	Repair & maintenance of other electrical equipments n.e.c.	31908
8	Repair & maintenance of transport equipment.	35998
9	Retreading of tyres, replacing of tread & used pneumatic tyres	25114
10	Maintenance & repair of motor cycle, scooters and three wheelers	50404
11	Repair & maintenance of agriculture & forestry machinery	29218

**C) Other Services:**

<b>Sl. No.</b>	<b>Description as NIC 2004</b>	<b>5 Digit Code</b>
1	Hair dressing & other beauty treatment	93020
2	Renting of tents, electrical appliances, furniture, tableware, crockery & utensils.	71301
3	Galzing, plastering, painting & decorating, floor sending and other similar building finishing works	45402
4	Activities of caterers	55204

### 3.10 Potential for New MSMEs:

#### **NIC 2004 CODE DESCRIPTION**

- 01405 Cotton ginning, cleaning and baling
- 05011 Fishing on commercial basis in ocean, sea and coastal areas
- 05012 Fishing on commercial basis in inland waters.
- 10203 Cleaning, sizing and pulverising of lignite
- 11101 Off shore extraction of petroleum
- 11102 On shore extraction of petroleum
- 11103 Off shore extraction of natural gas
- 11204 On shore extraction of natural gas
- 11201 Services incidental to off shore oil extraction
- 11202 Services incidental to on shore oil extraction
- 11203 Services incidental to off shore gas extraction
- 11204 Services incidental to on shore gas extraction
- 13100 Mining of iron ores [includes mining of hematite, magnetite, limonite, siderite or taconite etc. which are valued chiefly for iron content. Production of sintered iron ores is also included].
- 14106 Operation of sand or gravel pits, basalt / porphyry, clay (ordinary ) , crushing and breaking of stone for use as a flux or raw material in lime or cement manufacture or as building material, road metal or ballast and other materials for construction.
- 14108 Mining of clays (kaolin, ball clay, wollastonite, bentonite, fuller's earth, fire clay etc.)
- 14221 Salt mining, quarrying, screening etc.
- 15111 Mutton-slaughtering,
- 15116 Processing and canning of meat
- 15124 Processing and canning of fish
- 15132 Artificial dehydration of fruit and vegetables
- 15134 Manufacturing of fruit/vegetable juices and their concentrates, squashes and powder
- 15135 Manufacture of sauces, jams, jellies and marmalades
- 15136 Manufacture of pickles, chutneys, murabbas etc.
- 15137 Canning of fruit and vegetables
- 15141 Manufacture of hydrogenated oils and vanaspati ghee etc.
- 15201 Manufacture of milk powder, ice-cream powder and condensed milk except baby milk foods
- 15203 Manufacture of butter, cream, ghee, cheese and khoya etc.
- 15204 Manufacture of pasteurized milk whether or not in bottles/ polythene packs etc. (plain or flavoured)
- 15205 Manufacture of ice-cream and kulfi etc.
- 15311 Flour milling
- 15312 Rice milling
- 15313 Dal milling
- 15318 Manufacture of other readymade mixed powders like idli, gulabjamun etc.
- 15323 Manufacture of glucose & glucose syrup, maltose
- 15331 Manufacture of cattle feed
- 15332 Manufacture of poultry feed
- 15412 Manufacture of biscuits, cakes and pastries
- 15421 Manufacture and refining of sugar (vacuum pan sugar factories)
- 15422 Manufacture of `gur`from sugar cane
- 15428 Manufacture of molasses
- 15432 Manufacture of sugar confectionery (except sweetmeats)
- 15440 Manufacture of marconi, noodles, couscous and similar farinaceous products

## 25.

- 15494 Manufacture of malted foods including food for infants and invalids
- 15495 Grinding and processing of spices
- 15496 Manufacture of papads, appalam and similar food products
- 15541 Manufacture of aerated drinks
- 15543 Manufacture of mineral water
- 15544 Manufacture of ice
- 15545 Manufacture of soft drinks
- 16002 Manufacture of bidi
- 16003 Manufacture of cigarette and cigarette tobacco
- 16004 Manufacture of snuff
- 16006 Manufacture of `zarda`
- 16007 Manufacture of catechu (katha) and chewing lime
- 16008 Manufacture of pan masala and related products.
- 17111 Preparation and spinning of textile fiber including weaving of textiles (excluding khadi/handloom)
- 17114 Preparation and spinning of man-made fiber including blended\* man-made fiber.
- 17115 Weaving, manufacture of cotton and cotton mixture fabrics.
- 17116 Weaving, manufacture of silk and silk mixture fabrics.
- 17117 Weaving, manufacture of wool and wool mixture fabrics.
- 17118 Weaving, manufacturing of man-made fiber and man-made mixture fabrics.
- 17121 Finishing of cotton and blended cotton textiles.
- 17122 Finishing of silk and blended silk textiles.
- 17123 Finishing of wool and blended wool textiles.
- 17124 Finishing of man-made and blended man-made textiles.
- 17126 Activity related to screen printing
- 17132 Weaving of cotton khadi
- 17133 Weaving of cotton textiles on handlooms
- 17135 Weaving of woolen and silk khadi
- 17136 Weaving of wool and silk on handlooms
- 17137 Weaving of artificial/synthetic textile fabrics on handlooms
- 17141 Bleaching, dyeing and finishing of cotton cloth and yarn by hand printing of cloth by hand
- 17145 Bleaching, dyeing, printing and finishing of artificial/synthetic textile fabrics by hand
- 17211 Manufacture of curtains, bed-covers and furnishings.
- 17214 Manufacture of bedding, quilts, pillows, cushions and sleeping bags (manufacture of coir foam mattresses and pillows is classified in class 3610)
- 17215 Manufacture of tarpaulin
- 17221 Manufacture of blankets shawls
- 17222 Manufacture of cotton carpets
- 17223 Manufacture of woolen carpets
- 17224 Manufacture of silk carpets
- 17225 Manufacture of durries, druggets and rugs
- 17231 Manufacture of thread, including thread ball making
- 17233 Manufacture of coir rope and cordage
- 17241 Embroidery work by hand
- 17242 Zari work by hand
- 17243 Making of laces and fringes by hand
- 17252 Manufacture of cotton carpets by hand
- 17295 Manufacture of made-up canvas goods such as tents and sails etc.

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- 17296 Manufacture of wadding of textile materials and articles of wadding such as sanitary towels and tampons
- 17298 Manufacture of waterproof textile excluding Tarpaulin.
- 17301 Manufacture of knitted and crocheted cotton textile products
- 17302 Manufacture of knitted and crocheted woolen textile products
- 17303 Manufacture of knitted and crocheted synthetic textile products
- 18101 Manufacture of all types of textile garments and clothing accessories
- 18102 Manufacture of rain coats of waterproof textile fabrics or plastic sheetings
- 18104 Manufacture of wearing apparel of leather and substitutes of leather
- 18204 Embroidering and embossing of leather articles
- 19112 Tanning and finishing of sole leather
- 19115 Crome tanning of leather
- 19116 Finishing of upper leather, lining leather and garment leather etc.
- 19121 Manufacture of travel goods like suitcases, bags and hold alls etc.
- 19122 Manufacture of purses and other ladies handbags, artistic leather presented articles and novelties etc.
- 19123 Manufacture of saddlery and harness
- 19201 Manufacture of footwear (excluding repair) except of vulcalized or moulded rubber or plastic.
- 19202 Manufacture of footwear made primarily of vulcalized or moulded rubber and plastic. This class includes manufacture of rubber footwear, plastic & PVC, canvas -cum-rubber/plastic footwear etc. including sports footwear.
- 20101 Sawing and planning of wood (other than plywood)
- 20211 Manufacture of plywood and veneer sheets
- 20212 Manufacture of flush doors and other boards or panels
- 20231 Manufacture of wooden boxes, barrels etc. (except plywood)
- 20233 Manufacture of market basketry, grain storage bins, ration baskets including baskets made-up from rachis (toddy tree) and similar product made from bamboo and reed etc.
- 20291 Manufacture of wooden industrial goods
- 20293 Manufacture of bamboo and cane article and fixture of bamboo, cane, reed and grass products
- 20295 Manufacture of wooden agricultural implements
- 20296 Manufacture from cane and bamboo of shopping bags, ornament boxes, costume articles, trays, table lamps, fancy baskets, table mats, tumbler and vessel holders and other household utilities
- 21012 Manufacture of paper incl. printing & writing paper
- 21013 Manufacture of newsprint
- 21014 Manufacture of packaging paper
- 21015 Manufacture of paper board and straw board
- 21021 Manufacture of sacks & paper bags
- 21022 Manufacture of card board boxes
- 21023 Manufacture of corrugated fiber board containers
- 21024 Manufacture of corrugated paper board
- 22190 Other publishing [includes publishing of photos and postcards, greeting cards, time-tables, forms, posters or other printed matters.]
- 22211 Printing but not publishing of newspapers
- 22219 Printing and allied activities like screen printing other than textile, n.e.c.
- 22221 Engraving, etching and block making etc.
- 22222 Book binding on account of others
- 23202 Manufacture of paraffin wax
- 24111 Manufacture of industrial gases (includes manufacture of elemental gases, liquid or compressed air, acetylene refrigerant gases and mixed industrial gases etc.)
- 24211 Manufacture of inorganic acids

## 27.

- 24113 Manufacture of tanning or dyeing extracts; tanning and their derivatives and colouring matter
- 24115 Manufacture of turpentine and resins of vegetable origin
- 24122 Manufacture of straight inorganic fertilizers
- 24123 Manufacture of urea and other organic fertilizers
- 24124 Manufacture of mixed, compound or complex fertilizers
- 24131 Manufacture of synthetic rubber in primary forms
- 24211 Manufacture of insecticides, fungicides and weedicides
- 24222 Manufacture of paints, varnishes and similar coatings,
- 24221 Manufacture of prepared pigments, prepared pacifiers and prepared colours, verifiable enamels and glazes enrobes and similar preparations of a kind used in the ceramic, enameling or glass industry
- 24222 Manufacture of paints, varnishes, enamels or lacquers
- 24223 Manufacture of printing ink (manufacture of writing or drawing ink is classified in sub-class 24299)
- 24231 Manufacture of chemical substances used in the manufacture of pharmaceuticals: antibiotics, endocrine products, basic vitamins; opium derivatives; sulphha drugs;
- 24232 Manufacture of allopathic pharmaceutical preparations
- 24233 Manufacture of 'ayurvedic' or 'unani' pharmaceutical preparation
- 24234 Manufacture of homoeopathic or biochemical pharmaceutical preparations
- 24235 Manufacture of veterinary preparations
- 24236 Manufacture of surgical dressings, medicated wadding, fracture bandages, catgut and other prepared sutures
- 24241 Manufacture of soaps all types (includes medicated soap, household soaps, rosin, naphthenate soaps and industrial soaps)
- 24242 Manufacture of waxes & polishes (includes manufacture of artificial waxes, prepared waxes; polishes and creams for footwear, furniture, floor, coachwork, glass or metals and scouring-pastes/powders and similar preparations)
- 24244 Manufacture of perfumes and cologne de-eau
- 24245 Manufacture of preparations for oral or dental hygiene (includes manufacture of tooth pastes, tooth powder, mouth wash, oral, perfumes, dental fixative pastes and powders etc.)
- 24246 Manufacture of cosmetics and toiletries (includes manufacture of pre-shave, shaving or after shave preparations; personal deodorants and anti-respirants; perfumed bath salts and other bath preparations; beauty or make-up preparations and preparations for the care of the skin, other than medicaments; manicure and pedicure preparations etc.)
- 24247 Manufacture of hair oil, shampoo, hair dye etc. (includes manufacture of shampoos, hair sprays, hair fixers, hair oils, hair creams, hair dyes and bleaches and preparations for permanent waving or straightening of the hair etc.)
- 24248 Manufacture of "Agarbatti" and other odoriferous preparations which operate by burning
- 24291 Manufacture of matches
- 24292 Manufacture of explosive, ammunition and fire works
- 24298 Manufacture of processed salt
- 25113 Manufacture of tyres and tubes for cycles & cycle rickshaws
- 25114 Retreading of tyres; replacing of tread on used pneumatic tyres
- 25191 Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile-shapes etc.
- 25192 Manufacture of rubber conveyor or transmission belts or belting
- 25193 Manufacture of rubber contraceptives
- 25194 Manufacture of rubber balloons
- 25202 Manufacture of packing products of plastics (except household)

## 28.

- 25203 Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics
- 25204 Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)
- 25205 Manufacture of spectacle frames of plastic
- 25206 Manufacture of moulded industrial accessories of plastics [including electrical insulating fittings of plastics]
- 25207 Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels
- 25208 Manufacture of plastic headgear (helmets)
- 26101 Manufacture of glass in primary and semi manufactured forms (such as sheets & plates) including mirror sheets and wired, colored, tinted, toughened or laminated glass
- 26103 Manufacture of hollow glassware
- 26105 Manufacture of table and kitchen glassware
- 26911 Manufacture of articles of porcelain or china, earthenware, imitation porcelain or common pottery
- 26913 Manufacture of ceramic tableware and other articles
- 26915 Manufacture of ceramic insulators and insulating fittings for electrical machines, appliances and equipments
- 26931 Manufacture of bricks
- 26932 Manufacture of non-refractory ceramic pipes, conduits, and guttering pipe fittings
- 26933 Manufacture of ceramic building material, other than bricks: flooring blocks, roofing tiles, wall tiles (whether or not glazed), flags and paving, mosaic cubes etc.
- 25914 Manufacture of ceramic sanitary wares: sinks, baths, water-closet pans, flushing
- 26915 Manufacture of ceramic insulators and insulating fittings for electrical machines,
- 26921 Manufacture of refractory bricks, blocks tiles and similar refractory ceramic
- 26941 Manufacture of cement in the form of clinkers
- 26953 Manufacture of asbestos sheets
- 26954 Manufacture of R.C.C. bricks and blocks
- 26955 Manufacture of concrete tiles
- 26956 Manufacture of Hume pipes and other pre-fabricated structural components of cement and/or concrete for building or civil engineering
- 26960 Cutting, shaping and finishing of stone [includes cutting, shaping and finishing stone for use in construction, in cemeteries, on roads, as roofing and in other applications]
- 27110 Manufacture of Ferro alloys.
- 27130 Manufacture of Pig Iron (hot metal).
- 27151 Manufacture of alloy-steel of these shapes
- 27152 Manufacture of non-alloy steel of these shapes
- 27153 Manufacture of stainless steel of these shapes
- 27161 Manufacture of non-alloy steel hot rolled flat products (including plates, sheets, strips, wide coils)
- 27162 Manufacture of alloy steel hot rolled flat products (including plates, sheets, strips, wide coils)
- 27163 Manufacture of stainless steel hot rolled flat products (including plated sheets, strips, wide coils)
- 27164 Manufacture of non-alloy steel cold rolled flat products (including sheets, strips, wide coils, TMBP)
- 27165 Manufacture of alloy steel cold rolled flat products
- 27172 Manufacture of Tinplate
- 27181 Manufacture of non-alloy steel wires
- 27182 Manufacture of alloy steel wires
- 27183 Manufacture of stainless steel wires
- 28111 Manufacture of doors, windows and their frames, shutters and rolling shutters ; fire escapes, gates and similar articles of iron or steel used on buildings

## 29.

- 28112 Manufacture of fabricated structural products of iron or steel: bridges and bridge parts, towers, masts, columns, girders, trusses, arches, sluice gates, piers and jetties. Erection of the structures from self-manufactured parts is included
- 28113 Manufacture of fabricated structural products of metal other than of iron or steel
- 28122 Manufacture of tanks, reservoirs and similar containers
- 28123 Manufacture of central heating boilers, radiators and its parts and accessories
- 28128 Repair and maintenance of tanks, reservoirs and containers of metal
- 28133 Manufacture of auxiliary plant for use with boilers, such as economizers, super heaters, steam collectors and accumulators; soot removers, gas recoverers and sludge scrapers and their parts and accessories
- 28138 Repair and maintenance of steam generators, except central heating hot water boilers
- 28910 Forging, pressing, stamping and roll-forming of metal; powder metallurgy
- 28931 Manufacture of metal articles in and about the house: knives and knife blades; other articles of cutlery; including cleavers and choppers, razors and razor blades, scissors, hair clippers and nail clippers; spoons, forks, ladles, skimmers, fish knives, tongs and other articles for use at table or in the kitchen
- 28932 Manufacture of tools of a kind used in agriculture, horticulture or forestry; of a kind used in carpentry, cabinet work or other wood work; of a kind used for mechanical assembly work; of a kind used in sheet metal work; and in other trades
- 28939 Manufacture of general hardware n.e.c.
- 28991 Manufacture of metal fasteners (nails, rivets, tacks, pins, staples, washers and similar non-threaded products and nuts, bolts, screws and other threaded products); springs including semi-finished springs for all purposes other than watch springs; metal chains (other than power transmission chains) and weights and measures
- 28992 Manufacture of containers used for packing or conveyance of goods: casks, drums, pails, cans, boxes etc. (manufacture of railway and ship containers used in container-traffic is classified 3420)
- 28993 Manufacture of reinforced safes, vaults, strong room doors and gates and the like
- 28994 Manufacture of metal sanitary ware, including baths, sinks, wash basins, and other metal sanitary and toilet articles, whether or not being enameled
- 28996 Manufacture of hollow-ware, dinnerware or flatware whether or not of base metal plated with precious metal; fry pans, sauce pans, and other metal cooking utensils
- 28997 Manufacture of pressure cookers and other small hand operated kitchen appliances used in preparation, conditioning or serving of food
- 28998(A) Repair and maintenance of other fabricated metal products n.e.c.
- 29113 Manufacture of parts and accessories of engines and turbines.
- 29118 Repair and maintenance of engines and turbines, except aircraft, vehicle and cycle engines
- 29121 Manufacture of pumps, compressors, taps and valves
- 29128 Repair and maintenance of pumps, compressors, taps and valves
- 29131 Manufacture of bearings, gears, gearing and driving elements
- 29138 Repair and maintenance of bearings, gears, gearing and driving elements
- 29148 Repair and maintenance of ovens, furnaces and furnace burners
- 29149 Manufacture of other ovens, furnaces and furnace burners n.e.c.
- 29151 Manufacture of lifting and handling equipment
- 29158 Repair and maintenance of lifting and handling equipment
- 29191 Manufacture of refrigerators or freezing equipment for commercial and other non- household purposes and assemblies of their major components e.g. compressors and condensers mounted on a common platform even though motor, evaporator or cabinet is missing;; furniture designed to accommodate refrigeration of freezing equipment.

## 30.

- 29192 Manufacture of domestic air-conditioners.
- 29193 Manufacture of fire extinguishers and other equipment for projecting, dispersing or spraying liquids or powders whether or not hand-operated, including sand blasting machines, stream cleaning machines etc.
- 29194 Manufacture of centrifuges machinery for liquids and gases, other than cream separators or clothes dryers
- 29195 Manufacture of packing and wrapping machinery including machines which perform one or more of such functions as filling, closing, sealing, capsuling or labeling containers such as bottles, cans, boxes or bags; machinery for cleaning or drying bottles or other containers or for aerating beverages.
- 29196 Manufacture of weighing machinery other than sensitive laboratory balances: household and shop scales, portable or mobile platform scales, scales for continuous weighing of goods, scales for weighing a continuous flow of liquid, weigh bridges and so forth, including weighing machinery incorporating calculators etc.
- 29197 Manufacture of filtering and purifying machinery or apparatus for liquids and gases
- 29198 (A) Repair and maintenance of other general purpose machinery
- 29199 Manufacture of other general purpose machinery: fans intended for industrial applications, exhaust hoods for commercial, laboratory or industrial use; calendaring or other rolling machines other than for metals or glass; gaskets and similar joints made of a combination of materials or layers of the same material and other general purpose machinery n.e.c., including manufacture of parts and accessories for general purpose machinery and equipment.
- 29211 Manufacture of tractors, harvesters and other heavy machinery for use in agricultural and forestry (manufacture of over-the-road tractors for semi -trailers is classified in class 3410)
- 29212 Manufacture of light agricultural and forestry machinery and equipment other than forage press: ploughs, harrows, weeders, hoes, seeders, manure spreaders, thinners etc.
- 29214 Manufacture of parts and accessories for agricultural and forestry machinery and equipment
- 29218 Repair and maintenance of agricultural and forestry machinery
- 29221 Manufacture of automatic capstans and turrets and lathes
- 29222 Manufacture of boring, broaching, drilling and threading machines
- 29223 Manufacture of milling, planning, shaping, gear cutting and slotting machines
- 29224 Manufacture of grinding, lapping, honing and polishing machines
- 29225 Manufacture of sawing, contour sawing, filling and cut-off machines
- 29228 Repair and maintenance of machine-tools
- 29238 Repair and maintenance of machinery for metallurgy: converters, ingot moulds, ladles and casting machines; metal rolling mills and rolls for such mills
- 29241 Manufacture of lifting and handling machinery specially designed for use underground
- 29242 Manufacture of boring and sinking machinery
- 29244 Manufacture of bulldozers, angle-dozers and other earth moving machinery; manufacture of pile drivers, pile excavators and compacting machinery
- 29246 Manufacture of parts and accessories for machinery/equipment used by construction and mining industries
- 29248 (A) Repair and maintenance of machinery for mining, quarrying and construction
- 29251 Manufacture of machinery for dairy industry and for processing of meat, fish and poultry
- 29253 Manufacture of machinery chiefly employed by grain milling industry and for the oil mills: machinery to clean, sort or grade seed, grain or dried leguminous vegetables; machinery used to produce flour, meal or other ground products; machinery for the extration or preparation of animal or fixed vegetable fats and oils.
- 29254 Manufacture of machinery for manufacture of sugar and for manufacture of bakery and confectionery products

## 31.

- 29255 Manufacture of machinery for manufacture of fruit/vegetable juices, malt liquors and alcoholic beverages including machinery for processing vegetables
- 29256 Manufacture of parts and accessories of machinery for industrial preparation or manufacture of food or drink.
- 29258 Repair and maintenance of machinery for food, beverage and tobacco processing
- 29261 Manufacture of machinery for preparation of textile fibers up to spinning stage and other similar machines, including ginning machinery.
- 29262 Manufacture of spinning machines for preparing textile yarns for weaving knitting
- 29264 Manufacture of machinery for washing, bleaching, dyeing, dressing, finishing coating or impregnating textile yarns, fabrics or made up apparel,; machines for applying paste to the base fabric or other support used in the manufacture of linoleum or similar floor coverings; machines for reeling, unreeling, folding, cutting or pinking textile fabrics.
- 29265 Manufacture of sewing and knitting machines: sewing machines of all types (including those for household use) and its heads.
- 29267 Manufacture of laundry-type washing and drying machines and dry-cleaning machines; ironing machines including fusing presses, (manufacture of centrifugal clothes dryers is classified in class 2929)
- 29268 Manufacture of accessories and parts of all types of machinery for textile, apparel and leather production.
- 29268(A) Repair and maintenance of machinery for textile, apparel and leather production
- 29291 Manufacturing of machinery for working rubber or plastics or for manufacturing of products of these materials.
- 29292 Manufacture of machinery for producing tiles, bricks, shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, and foundry moulds etc.
- 29293 Manufacture of machinery for pulp, paper and paper board industries machinery for producing paper of a given size or shape or for producing articles such as envelopes, bags, boxes or cartons.
- 29294 Manufacture of printing machinery (presses, screen printers and other special printing machines), type-founding machinery; typesetting machinery; machines for photo-type setting and composing machines; blocks, plates and cylinders and other printing components; book binding machinery and machines for uses ancillary to printing (stockers, feeders, folders, gummers, staplers)
- 29295 Manufacture of molding boxes for metal foundry; mould bases; molding patterns, mould for metals (other than ingot moulds); metal carbides, glass, mineral materials, rubber or plastics and other parts special purpose machinery, not elsewhere classified.
- 29296 Manufacture of cement machinery
- 29297 Manufacture of pharmaceutical and chemical machinery
- 29298 Manufacture of centrifugal cloth dryers, machines to assemble electric or electronic lamps, tubes or bulbs in glass envelopes; machines for production of hot-working of glass or glassware; machinery for isotopic separation
- 29298(A) Repair and maintenance of other special purpose machinery
- 29301 Manufacture of oil stoves, hurricane lanterns and oil pressure lamps
- 29302 Manufacture of gas stoves, cooking ranges and other similar appliances
- 29303 Manufacture of electric fans
- 29304 Manufacture of vacuum cleaners and other electro-mechanical domestic appliances with self-contained electric motors, such as food processors and juice extractors etc.
- 29305 Manufacture of electro-thermal domestic appliances such as immersion water heaters, hot-plates, geysers; electro-thermal hair dressing appliances; electric irons and electric/electronic cooking appliances (ovens, micro-wave ovens, cookers, hot plates, toasters, coffee or tea makers etc.)
- 29306 Manufacture of domestic refrigerators/freezers

## 32.

- 29307 Manufacturing of items based on solar energy like solar cookers, air/water heating system etc. except cell.
- 29308 Manufacture of other electric domestic appliances n.e.c. : dishwashers, household type laundry equipment, electric razors including parts and accessories for electrical domestic appliances
- 29309 Manufacture of other (non-electric) domestic appliances n.e.c. and part and accessories for electrical and non-electric domestic appliances
- 30003 Manufacture of hand-held or desk-top calculating machines; other calculators; accounting machines, cash registers, postage franking machines, ticket issuing machines and similar machines incorporating a calculating device.
- 30006 Manufacture of complete digital systems comprising a central processing unit, an input unit and an output unit; digital systems which include peripheral units such as additional input/output units, additional storage units etc
- 30009 Manufacture of automatic data processing machines and other computing machinery, including parts and accessories for computing machinery n.e.c.
- 31101 Manufacture of generators/generating sets
- 31102 Manufacture of transformers of all sizes and types & rewinding of electric motors
- 31103 Manufacture of electric motors: universal AC/DC motors and DC motors or generators
- 31104 Manufacture of converters all types (including inverters)
- 31108 Repair and maintenance of electric motors, generators and transformers
- 31109 Manufacture of all types of rectifiers, battery charges, inductors etc. n.e.c
- 31300 Manufacture of insulated wire and cable [insulated (including enamelled or anodized) wire, cable (including coaxial cable) and other insulated conductors; insulated strip as is used in large capacity machines or control equipment; and optical fiber cables]
- 31401 Manufacture of electric accumulators: lead-acid, nickel-cadmium, nickel-iron or other accumulators
- 31402 Manufacture of primary cells and primary batteries: cells containing manganese oxide, mercuric oxide, silver oxide or other material
- 31403 Manufacture of parts and accessories such as separators, containers, etc.
- 31501 Manufacture of electric filament lamps including manufacture of sealed beam lamp units
- 31502 Manufacture of ultra-violet or infra -red lamps
- 31503 Manufacture of discharge lamps, florescent, hot-cathode or other discharge lamps
- 31504 Manufacture of arc lamps
- 31506 Manufacture of lighting equipment, illuminated signs, illuminated name -plates and the like; flash light; torch; parts of electric lamps and lighting equipment (manufacture of lighting equipment for cycles and motor vehicles is classified in class 3190) parts of electric lamps
- 31901 Manufacture of electrical ignition or starting equipment of a kind used for spark ignition or compression ignition internal combustion engines; ignition magnetos,
- 31902 Manufacture of electrical lighting (other than sealed beam lamp units) or signaling including sound signaling equipment specialized for use on cycles and motor vehicles; windscreen wipers and electric defrosters and de-misters
- 31904 Manufacture of electro-magnets; electro-magnetic or permanent magnet chucks, clutches, brakes, couplings, clamps or lifting heads
- 31906 Manufacture of dynamos for cycles and motor-cycles
- 31907 Manufacture of electric sound or visual signaling apparatus (bells, sirens, indicators panels, burglar or fire alarms etc.)
- 31908 Carbon or graphite electrodes, carbon brush, lamp carbons, battery carbon with or without metals used for electronic purpose
- 31908 (A) Repair and maintenance of other electrical equipment n.e.c.

### 33.

- 32104 Manufacture of printed circuits i.e. circuits which are made by forming on an insulating base, by conventional or non-conventional printing process, conductor elements, contacts or other printed elements.
- 32106 Manufacture of electronic integrated circuit and micro-assemblies: monolithic or hybrid and electronic micro-assemblies of moulded module, micro-module or similar types.
- 32205 Manufacture of reception apparatus for radio-telephony or radio-telegraphy, including apparatus combined with sound recording or reproducing apparatus or a clock
- 32208 Repair and maintenance of television and radio transmitters and apparatus for line telephony and line telegraphy
- 32308(A) Repair and maintenance of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods
- 32309 Manufacture of microphones, loudspeakers, ear-phone, amplifiers, sound amplifier sets and other sound/video reproducing apparatus n.e.c.
- 33111 Manufacture of apparatus based on the use of X-rays or alpha, beta or gamma radiations, whether or not for use in human or animal medicine. Included is the manufacture of X-ray tubes, high tension generators, control panels, desks, screens and the like
- 33112 Manufacture of instruments and appliances used in medical, surgical, dental or veterinary practice, including electro-diagnostic apparatus such as electrocardiographs, dental drill engines, ophthalmic instruments including sight testing sets, syringes, needles used in medicine and the like
- 33113 Manufacture of sterilizers
- 33114 Manufacture of mechanic-therapy appliances; massage apparatus; artificial respiration or other therapeutic respiratory apparatus; other breathing appliances and gas masks other than simple protective masks
- 33115 Manufacture of orthopedic appliances including crutches, surgical belts and trusses, orthopedic corsets and shoes; splints and other fracture appliances; appliances worn, carried or implanted (e.g. hearing aids or pace makers etc.)
- 33116 Manufacture of artificial teeth, artificial limbs and other artificial parts of the body
- 33121 Manufacture of regulating or controlling instruments and apparatus except industrial process control equipment: thermostats, pressure controllers, level regulators and automatic regulators of electrical quantities
- 33122 Manufacture of supply meters for electricity, water or gas
- 33123 Manufacture of sensitive balances and mathematical calculating instruments (e.g. measuring rods and tapes, micrometers, calipers, gauges etc.)
- 33124 Manufacture of radar apparatus and radio remote control apparatus
- 33126 Manufacture of navigational, meteorological, geophysical and related instruments and apparatus oceanographic or hydrological instruments; seismometers, rangefinders, automatic pilots, sextants, ultrasonic sounding instruments and special instruments for air navigation
- 33130 Manufacture of industrial process control equipment [apparatus used for automatic continuous measurement and control of variables such as temperature, pressure, viscosity and the like of materials or products as they are being manufactured or otherwise processed]
- 33201 Manufacture of optical elements of glass or of any material; prisms and lenses, mirrors constituting optical elements; colour filters, polarizing elements; ophthalmic lenses, including contact lenses; optical fibers and cables of optical fibers not individually sheathed [(manufacture of optical sheathed fibers is classified in class 3130)glass (except mirror glass) and lenses

## 34.

- 33202 Manufacture of spectacle frames and frames fitted with lenses, whether or not the lenses are optically worked (e.g. sun glasses, protective glasses and corrective glasses)
- 33203 Manufacture of optical instruments such as binoculars, monocular, and other optical telescopes and their mountings; optical astronomical instruments; compound
- 33209 Manufacture of other photographic, cinematographic and optical instruments and apparatus n.e.c.: image projectors, enlargers and reducers including microfilm readers; and apparatus for photographic or cinematographic laboratories)
- 33301 Manufacture of watches and clocks of all kinds
- 33302 Manufacture of parts and accessories for watches and clocks: watch and clock cases, including cases of precious metals; watch and clock movements; metal watch straps, watch bands and watch bracelets including those of precious metals; watch and clock springs, jewels, dials, ; and other parts
- 34102 Manufacture of motor vehicles for the transport of goods: ordinary lorries, trucks and goods vans; lorries with automatic discharging devices, tankers, drop frame lorries, refuse collectors, etc. ; special purpose motor lorries and trucks e.g. motor breakdown lorries, armoured cars, street sweepers, mobile medical and dental clinics, travelling libraries etc.; also included over-the-road tractors for semi-trailers
- 34107 Manufacture of compression-ignition or spark-ignition reciprocating or rotary internal combustion engines used to power motor vehicles
- 34201 Manufacture of bodies (including cabs) designed to be mounted on motor vehicle chassis, bodies for vehicles without chassis and unit construction bodies; bodies for passenger vehicles, lorries and special purpose vehicles; bodies of metal, wood, plastics or combination of these or other material
- 34202 Manufacture of trailers and semi-trailers designed to be drawn by motor vehicles, including rail-road trailers; parts of trailers and semi-trailers
- 34203 Manufacture of containers (including the containers for the transport of fluids) specially designed and equipped for carriage by one or more modes of transport
- 34300 Manufacture of parts and accessories for motor vehicles and their engines [brakes, gear boxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, steering wheels, steering columns and steering boxes and other parts and accessories n.e.c.]
- 35114 Manufacture of sections for ships or floating structures.
- 35123 Manufacture of parts and accessories for pleasure and sporting boats
- 35991 Manufacture of bullock-carts, pushcarts, tongas and hand-carts etc.
- 35998 Repair and maintenance of other transport equipment.
- 35303 Manufacture of parts and accessories for aircraft and spacecraft: aircraft launching gear; deck arrestor or similar gear; major assemblies such as fuselages, wings, doors, control surfaces, landing gear and so forth; helicopter rotors etc.; motors and engines of a kind typically found on aircraft and other specialized parts and accessories for aircraft and space craft
- 35911 Manufacture of motorcycles (including mopeds) and cycles fitted with and is classified in class 2520)
- 35923 Manufacture of parts and accessories for bicycles, cycle -rickshaws and invalid
- 36101 Manufacture of furniture & fixtures made of wood, cane & reed
- 36102 Manufacture of furniture and fixtures primarily of metal
- 36103 Manufacture of furniture and fixtures, primarily of plastics
- 36104 Manufacture of coir foam mattresses and pillows etc.
- 36109 Manufacture of photo frame and other furniture & fixtures n.e.c.
- 36911 Manufacture of gold jewellery: gold, silver and other precious metal jewellery; precious and semi-precious stone jewellery; gold and silver articles including presentation coins but not the coin used as a legal tender
- 36912 Diamond cutting and polishing and other gem cutting and polishing

## 35.

- 36919 Manufacture of other jewellery and other articles, n.e.c.
- 36920 Manufacture of musical instruments [this class includes manufacture of keyboard stringed instruments, including automatic pianos, and other stringed instruments, keyboard pipe organs and harmoniums and similar keyboard instruments with free metal reeds, accordions and similar instruments including mouth organs]
- 36931 Manufacture of carrom boards and tables for billiards, table tennis and other parlour games
- 36932 Manufacture of billiard sticks, hockey sticks, cricket bats, stumps and other cricket accessories
- 36933 Manufacture of rackets for badminton, lawn tennis, table tennis etc.
- 36934 Manufacture of balls including those of billiards
- 36935 Manufacture of athletic/gymnasium articles and equipment
- 36941 Manufacture of children's play equipment including toys and toy musical instruments
- 36942 Manufacture of wooden toys, decoration pieces and wooden lamp stand etc. [including carved wood articles and articles made from coconut shells]
- 36992 Manufacture of umbrellas, sun umbrellas, walking sticks, seat sticks, whips, riding crops, buttons, press fasteners, snap fasteners, press studs and slide fasteners
- 36995 Making of candles, tapers and the similar products of wax
- 36996 Manufacture of imitation jewellery
- 36997 Manufacture of brooms and brushes; hand operated mechanical floor sweepers, mops and feather dusters; paint pads and rollers; squeezes and other brushes, brooms, mops etc.
- 36998 Manufacture of miscellaneous decorative articles .n.e.c.: articles made from ivory, bones and horns; artificial flowers; garland from natural fresh flowers and other novelties and presentation articles n.e.c.
- 36999 Manufacture of other miscellaneous products, n.e.c.: roundabouts, swings, shooting galleries and other fairground amusements; tailors' dummies, banners, signboards and other articles n.e.c.
- 37200 Recycling of non-metal waste and scrap [from old newspapers, rejected glass articles and used non-metallic items etc. Collection of non-metal waste and scrap for recycling is included in 51498.]
- 40102 Generation and transmission of electricity: coal based thermal power plants
- 40106 Generation of solar energy
- 41000 Collection, Purification and distribution of water
- 45102 Site preparation other than in connection with mining building of complete constructions or parts thereof; civil engineering
- 45201 General constructions (including alteration, addition, repair and maintenance) of residential buildings, carried -out on own-account basis or on a fee or contract basis.
- 45202 General constructions (including alteration, addition, repair and maintenance) of non-residential buildings, carried -out on own-account basis or on a fee or contract basis.
- 45203 Construction and maintenance of roads, rail-beds, bridges, tunnels, pipelines, rope-ways, ports, harbours and runways etc.
- 45204 Construction/erection and maintenance of power, telecommunication and transmission lines
- 45205 Construction and maintenance of waterways and water reservoirs
- 45208 Construction and maintenance of industrial plants other than power plants
- 45301 Plumbing and drainage
- 45302 Installation of heating and air-conditioning systems, antennas, elevators and escalators; insulation work (water, heat, sound); and sound proofing systems.
- 45401 Setting of wall and floor tiles or covering with other materials like parquet, carpets, wall paper etc.
- 45402 Glazing, plastering, painting and decorating, floor sanding and other similar finishing work
- 45403 Finish carpentry such as fixing of doors, windows, panels etc. and other building finishing work n.e.c.

## 36.

- 45500 Renting of construction or demolition equipment with operator [Renting of machinery and equipment without operator is classified under Division 71]
- 50404 Maintenance and repair of motor vehicles [including washing and polishing etc.]
- 55101 Hotels and motels
- 55102 Inns, Dharmshalas and other places providing short term lodging/ camping facilities open to general public, including those run by religious and charitable organisations (includes provision of short term accommodation in houseboats).
- 55103 Provision of short term lodging/camping facility to members of a particular organisation (includes government guest/rest/circuit houses, company guest houses and similar establishments)
- 55104 Operation of dormitories and/or residence halls/hostels at educational institutions for short-stay.
- 55203 Canteens
- 55204 Activities of caterers
- 55205 Operation of dining cars in the railways and other transport facilities when carried on by separate units
- 60102 Freight railway transport
- 60211 Land transport other than urban, sub-urban including underground and elevated railways.
- 60221 Other non-scheduled passenger land transport by motor vehicles
- 60231 Freight transport by motor vehicles
- 60232 Freight transport other than by motor vehicles (i.e. by man or animal drawn vehicles such as bullock carts, cycle rickshaws and the like)
- 60300 Transport via pipelines [Includes transport of gases, liquids, slurry and other commodities via pipelines. Included are the incidental activities like operation of pump stations and maintenance of the pipeline.]
- 63011 Cargo handling, incidental to land transport
- 63012 Cargo handling, incidental to water transport
- 63013 Cargo handling, incidental to air transport
- 63022 Warehousing of agricultural products with refrigeration (i.e. cold storage ) Storage and warehousing n.e.c.[Includes general merchandise warehouses and warehousing of furniture, automobiles, gas and oil, chemicals, textiles etc. Also included is storage of goods in foreign trade zones]
- 63040 Activities of travel agencies and tour operators; tourist assistance activities n.e.c. [Includes furnishing travel information; advice and planning; arranging tours, accommodation and transportation for travellers and tourists; and furnishing tickets etc. Also included are tourist assistance activities, such as carried on by tourist guides]
- 63090 Activities of other transport agencies [Includes forwarding of freight, organisation or arrangement of transport on behalf of the shipper or consignee, receiving and acceptance of freight, transportation document preparation, consolidation and break bulk of freight, freight brokerage, custom house brokerage, bill auditing and freight rate information, brokerage for ship and aircraft space, packing and crating and unpacking and de-crating, weighing and sampling of freight etc. This also includes the services provided by chauffeurs and personal car drivers.]
- 64120 Courier activities other than national post activities
- 64201 Provision of basic telecom services: telephone, telex and telegraph (includes the activities of STD/ISD booths)
- 64202 Provision of value added telecom services: paging, e-mail, cellular phone, video conferencing, internet (service directly purchased from internet service providers) etc.
- 64203 Maintenance of telecom network
- 64204 Activities of the cable operators

## 37.

- 71110 Renting of land transport equipment [Renting without operator of all kinds of land transport equipment e.g. railroad vehicles cars trucks, trailers and semi trailers, motor cycles, scooters, including that of containers, caravans and campers.(Renting and leasing of vehicles or trucks with driver is classified in class
- 71120 Renting of water transport equipment [Renting of water transport equipment with operator is classified in appropriate class of division 61. Renting of pleasure boats and related docking facilities is classified in class 9249].
- 71210 Renting of agricultural machinery and equipment [Renting of this machinery or equipment with operators is classified in class 0140].
- 71220 Renting of construction and civil engineering machinery and equipment. [Renting of this machinery or equipment with operators is classified in class 4550].
- 71230 Renting of office machinery and equipment [including computers]
- 71301 Renting of tents, electrical appliances, furniture, table ware, crockery and utensils.
- 71303 Renting of books, journals and magazines etc. (lending of books is classified under class 9231)
- 71309 Renting of costumes, musical instruments and other personal and household goods including bicycle, footwear n.e.c.
- 72211 Production, supply and documentation of ready-made (non-customized) software
- 72212 Production, supply and documentation of ready-made (non-customized) operating system software
- 72213 Production, supply and documentation of ready-made (non-customized) software for business & other applications, where the application is by & large spelt out clearly
- 72214 Production, supply and documentation of ready-made (non-customized) computer games software for all platforms
- 72291 Analysis, design and programming of custom software, ready to use, including analysis of the user's needs and problems, consultancy on the best solution and production of software to realize this solution
- 72292 Development, production, supply and documentation of made-to-order soft-ware based on orders from specific users
- 72293 Writing of programmes of any kind following directives of the users
- 72294 Web-page designing
- 72295 Software maintenance
- 72300 Data processing. [This includes the processing or tabulation of all types of data. Provision of such services on (i) an hourly or time -share basis, and (ii) management or operation of data processing facilities of others on a time sharing basis; on a fee or contract basis].
- 72400 Database activities and distribution of electronic content [This includes data base development, data storage and data base availability. The provision of data in a certain order/sequence, accessible to everybody or to limited users and can be sorted on demand.(computerised documentation activities provided by libraries and archives are classified in class 9231)].
- 72501 Repair & maintenance of computers and computer based systems
- 72502 Repair of office, computing and accounting machinery (including repair of Xerox machine and duplicating machine) other than computers and computer based systems.
- 72901 Activities of cyber cafe
- 72909 Other computer related activities, n.e.c.
- 73100 Research and experimental development on natural sciences and engineering (NSE). [This class includes systematic creative work in the fields of research and development in natural sciences, medical sciences, agriculture and engineering & technology].

## 38.

- 73200 Research and experimental development on social sciences and humanities (SSH).  
[This class includes systematic creative work in the fields of research and development in social sciences and humanities.(Market research is classified in class 7413)].
- 74110 Legal activities.[Legal services such as those rendered by advocates, barristers, solicitors, pleaders, mukhtiars, etc. (Law court activities are classified in class 7523).]
- 74120 Accounting, book-keeping and auditing activities; tax consultancy. [Data processing and tabulation are classified in class 7230; activities involving management consultancy by units that do not provide accounting or auditing services e.g. design of accounting systems, cost accounting programmes, budgetary control procedures etc. are in class 7414 and bill collection in class 7499].
- 74130 Market research and public opinion polling.[This class includes investigation on market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products and investigation on collective opinions of the public about political, economic and social issues.]
- 74210 Architectural and engineering activities and related technical consultancy[Test drilling in connection with petroleum and gas extraction is classified in class 1120, Research and development activities in division 73, Technical testing in class 7499 and Interior decorating in class 7499].
- 74220 Technical testing and analysis.[Testing and analysis of medical and dental specimen are classified in class 8519].
- 74300 Advertising.[Printing of advertising material is classified in class 2221, Market research in class 7413, Public relations activities in class 7414, Direct mailing activities in class 7499, Production of commercial messages for radio, television and film are classified in the appropriate class of group 921].
- 74940 Photographic activities. [Includes microfilming, processing motion picture film related to the motion picture and television industries is classified in class 9211].
- 74993 Photostat, blue-printing, Xeroxing, copying of documents, ammonia printing and cyclostyling services
- 74994 Fashion design related to textiles, wearing apparel, shoes, jewelry, furniture and other fashion goods.
- 74996 Interior decoration

### **4. Existing Clusters of Micro & Small Enterprises:**

Rice Mill and Manufacturing of Wooden Agriculture Implements are operating in Kathlal. Besides, there are cluster in small scale enterprises in papad manufacturing, and Castor oil manufacturing in the district. There is no notified cluster in the district.

39.

**5. General Issues raised by the Industry Association during the course of Meeting:**

During the course of meeting between District Industries Center and various Industries Associations, none of Association has raised any issue regarding problem areas. Conversation is going on during the meeting about signing of MoUs and Cluster development Programme of Government of Gujarat such as preparation of SPV of various entrepreneurs who wishes to join in the CDP Scheme in the primary level.

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## 6. STEPS TO SET UP MSMEs

**Following are the brief description of different agencies for rendering assistance to the Entrepreneurs:**

Sl. No.	Type of Assistance	Name & address of the Agencies
1.	Provisional Registration Certificate (EM-I) & Permanent Registration Certificate (EM-II)	General Manager, District Industries Centre, Nr. Vallabhnagar Socy., Pij Road, <b>NADIAD.</b>
2.	Identification of Project Profiles, Techno-economic and Managerial Consultancy Services, Market Survey and Economic Survey Reports.	General Manager, District Industries Centre, Nr. Vallabhnagar Socy., Pij Road, <b>NADIAD.</b>
3.	Land & Industrial Sheds.	Regional Manager, GIDC, Nr. Water Tank, Mogari-Napa Road, <b>Vitthal Udyognagar.</b> 388121
4.	Financial Assistance	All Commercial Banks, Co-operative Banks, and SIDBI. SIDBI: 1 <sup>st</sup> & 2 <sup>nd</sup> Floor, Jayanti Bhavan, Nr. Nav Jivan Press, Ashram Road, <b>Ahmedabad.</b>
5.	For Raw Materials under Govt. Supply.	National Small Industries Corporation Ltd. 205, Shiv Point Complex, College Road, <b>Nadiad.</b>
6.	Plant & Machinery under hire\purchase basis.	National Small Industries Corporation Ltd. 205, Shiv Point Complex, College Road, <b>Nadiad.</b>

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7.	Power\Electricity	GEB, Transmission Circle, P. O. <b>Dabhan.</b> 387320
8.	Technical Know-how	MSME-DI, 4 <sup>th</sup> Floor, Harsidhh Chambers, Ashram Road, <b>Ahmedabad.</b> And, National Small Industries Corporation Ltd. 205, Shiv Point Complex, College Road, <b>Nadiad.</b>
9.	Quality & Standards	Bureau of Indian Standards, Pushpak Building, Khanpur, <b>Ahmedabad.</b> And, Director of Quality Assurance, Shahpur Gate, <b>Ahmedabad.</b>
10.	Marketing\Export Assistance	MSME-DI, 4 <sup>th</sup> Floor, Harsidhh Cambers, Asram Road, <b>Ahmedabad.</b> And, National Small Industries Corporation Ltd. 205, Shiv Point Complex, College Road, Nadiad.
11.	Other Promotional Agencies	Center for Entrepreneurship Development (CED), GITCO, GITCO House, O\p Sardar Patel Stadium, Navrangpura, Ashram Road, <b>Ahmedabad.,</b> CIPET, Phase IV, Vatva GIDC, Vatva, <b>Ahmedabad.,</b> NID, Nr. Sardar Bridge, Paldi, Ahmedabad. CED, Bl. No. 1, Udyog Bhavan, Sector-11, <b>Gandhinagar.</b>