

DISTRICT INDUSTRIAL POTENTIALITY SURVEY REPORT OF AHMEDABAD DISTRICT 2016-17

GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

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PREFACE

The present economy of any developing nation depends upon the prevailing relationship with World Economic Union and globalised economy of the Developed Nation. Now-a-days our economy is still passing through the edge of Developing Nations concept. To boost the present economy and for achieving targeted growth rate, one must raise the growth of the industrialization. Population explosion is one of the major hurdle in growth process of the economy at targeted rate in all sector mainly agriculture and industries.

For the implementation of various Programmes and Policies, one must have good data base of available resources, basic infrastructure facilities, policies of the Central and State Government. Simultaneously, it is also important to raise the efficiency of the local people by providing them skill development training programmes and industrial seminars etc., which will help in gearing up the process of industrialization.

MSME-Development Institute carries out District Industrial Potentiality Survey Report at regular intervals. This Report provides rich data base about industry type, availability of natural resources, infrastructural facilities, skilled man powers, market conditions etc. Sh.T.K.Solanki Asstt. Director Gr.II (Stat.) MSME-Development Institute, Ahmedabad has prepared District Industrial Potentiality Survey Report of Ahmedabad district by using various vital and useful statistics and information collected from the various State Government Departments and agencies.

I extremely feel that it will be definitely useful immensely to the concerned entrepreneurs and various agencies. I extend my heartily thanks to all the State Government Departments and agencies etc., who have extended their kind co-operation in the preparation of this Report.

Thanks to all of you.

AHMEDABAD
June, 2016


(K. H. SHAH)
Dy. Director
For Director

ACKNOWLEDGEMENT

MSME-DI Ahmedabad acknowledges the support and assistance of following Government Departments and Agencies for providing us the information and details in the preparation of this DIPS Report of Ahmedbad District.

Sl. No.	Name & Addresses of Office	Contact No.
1	District Industries Center, 1 st Floor, Bachat Bhavan, Relief Road, Ahmedabad.	079-
2	Bank of Baroda (Lead Bank), Regional Office, Dena Laxmi Bhavan, Ashram Road, Ahmedabad.	079-
3	District Agriculture Office, Jilla Panchayat, Lal Darwaja, Ahmedabad.	079-
4	District Horticulture Office, Ahmedabad.	079-
5	District Forest Office, Nadiad.	079-
6	Deputy Director, Animal Husbandry Office, Jilla Panchayat, Lal Darwaja, Ahmedabad.	079-
7	District Statistical Office, Jilla Panchayat, Lal Daraja, Ahmedabad.	079-
8	Gujarat Industrial Development Corporation (GIDC), Fadia Chambers, Times of India, Ahmedabad.	079-
9	Office of the Sr. Geologist & mines, Gandhinagar.	079-
10	District Employment Office, Bl. A, Ahmedabad.	079-
11	Regional Transport Office, RTO, Ahmedabad.	079-
12	BSNL, , Ahmedabad.	079-

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CHAPTER 1

DISTRICT AT A GLANCE

Ahmedabad is the most industrialized district in Gujarat. It is located amidst the State between 20.00" to 23.40 North Latitudes and 71.06" to 72.9" East Longitudes. On the North Mehsana, Sabarkantha and Gandhinagar, while on West Surendranagar district and on South Gulf Cambay surrounds the Ahmedabad district. The total geographical area is 8086.81sq. km.

IMPORTANT STATISTICS OF VADODARA DISTRICT

Description	Details	Gujarat State	Ahmedabad District
Number of Villages	Total	18,225	512
	Inhabited	17,843	506
	Uninhabited	382	6
Number of Towns	Statutory	195	9
	Census	153	4
	Total	348	13
Number of Households	Normal	1,22,48,428	
	Institutional	36,925	
	Houseless	0	
Population Total	Persons	6,04,39,692	72,14,225
	Males	3,14,91,260	37,88,051
	Females	2,89,48,432	34,26,174
Rural	Persons	3,46,94,609	1111178
	Males	1,77,99,159	595583
	Females	1,68,95,450	555595
Urban	Persons	2,57,45,083	6064047
	Males	13692101	3192468
	Females	1,20,52,982	2870579

2.

Description	Details	Gujarat State		Ahmedabad District	
Percentage Urban Population		42.59632		49.59089	
Decadal Population Growth 2001-2011		Number	%	Number	%
	Persons	97,68,675	19.27862	72,14,225	22.4
	Males	51,05,683	19.35028	37,88,051	21.6
	Females	46,62,992	19.20077	34,26,174	23.3
Area (in sq Km.)		1,96,244		8086.81	
Density of Population (Persons per sq Km.)		308			
Sex Ratio (Number of females per 1000 males)	Total	919		904	
	Rural	949		933	
	Urban	880		899	
Literates		Number	%	Number	%
	Persons	4,10,93,358	78.03164	54,35,760	22.45
	Males	2,34,74,873	85.75022		
	Females	1,76,18,485	69.67531		
Scheduled Castes	Persons	40,74,447	6.741343	7,59,483	10.5
	Males	21,10,331	6.701323	3,99,075	10.54
	Females	19,64,116	6.784879	3,60,408	10.52
Scheduled Tribes	Persons	89,17,174	14.75384	89,138	1.20
	Males	45,01,389	14.29409	47,106	1.24
	Females	44,15,785	15.25397	42,032	1.23
Total Workers (Main and Marginal)		Number	%	Number	%
	Persons	2,47,67,747	40.97927	25,94,952	35.97
	Males	1,80,00,914	57.16162	21,27,547	56.16
	Females	67,66,833	23.37547	4,67,405	13.65

3.

Description	Details	Gujarat State		Ahmedabad District	
		Number	%	Number	%
(i) Main Workers	Persons	2,03,65,374	82.22538	23,32,409	32.88
	Males	1,65,67,695	92.03808	20,05,714	52.95
	Females	37,97,679	56.12196	3,26,695	9.54
(ii) Marginal Workers		Number	%	Number	%
	Persons	44,02,373	17.77462	2,62,543	3.64
	Males	14,33,219	7.961923	1,21,833	3.22
	Females	29,69,154	43.87804	1,40,710	0.41
Non-Workers	Persons	3,56,71,945	59.02073	46,19,273	64.03
	Males	1,34,90,346	42.83838	16,60,504	43.84
	Females	2,21,81,599	76.62453	29,58,769	86.36
Category wise Total No. of Workers					
(i) Cultivators	Persons	54,47,500	21.99433	1,27,916	5.48
	Males	42,44,449	23.57907	1,18,005	3.12
	Females	12,03,051	17.77864	9,911	0.29
(ii) Agricultural Labourers	Persons	68,39,415	27.6142	1,91,480	8.21
	Males	36,49,591	20.27448	1,44,697	3.82
	Females	31,89,824	47.1391	46,783	1.37
(iii) Workers in household industry	Persons	3,43,999	1.388899	42,553	1.82
	Males	2,10,561	1.169724	28,907	0.76
	Females	1,33,438	1.971942	13,646	0.40
(iv) Other Workers	Persons	1,21,36,833	49.00257	19,70,460	84.49
	Males	98,96,313	54.97673	17,14,105	45.25
	Females	22,40,520	33.11032	2,56,355	7.48
Industrial Scenario from 02/10/2006 to 20.10.2015		Type of Enterprises			
(Enterprises including Manufacturing & Service Sector)		No. of Registered units	Total Investment Rs. In Lacs	Employment	
Micro		86534	1189866.30	477192	
Small		6784	842674.68	138358	
Medium		260	229831.69	21718	

CHAPTER: 2

OBJECTIVES, SCOPE AND METHODOLOGY:

OBJECTIVES:

The main objective of the District Industrial Potential Survey Report (DIPS) is to find out the possibilities of establishing and developing new manufacturing units on the basis of available local resources and demand in the district. To full fill these objectives, correct estimates of available raw materials, natural resources, infrastructure, monetary assistance to the economic sector, industrial policies and programmes need significant importance. The report is techno-economic in nature rather than a mere statistical representation. Government of India and State Government simultaneously extend various fiscal incentive support and policies for the industrial growth in the state. Financial stake holders also offers various incentives after assessing the potentials in relation to human resources and natural endowments for the industrial development facilitating optimum utilisation of scarce financial resources by channelising the same into different sub sector of industries for achieving higher industrial growth. It will be a focused guide and will be given due publicity to attract the entrepreneurs of the district.

SCOPE:

District Industries Potentiality Survey Report (DIPS) of Ahmedabad district was prepared in the year 2005-06. This Report is prepared with a view to achieve comparatively higher industrial growth rate. It has focused over the problems of the industrial sector and courteous endeavors have been put forth to provide information of the Central as well as State governments industrial policies and programmes to overcome the problems and aims to achieve the targeted industrial growth rate in the coming years. The existing prosperities of the district has generated esteem and inherent risk taking capacity of the entrepreneur.

METHODOLOGY:

District Industries Potentiality Survey Report (DIPS) is prepared by Assistant Director (Statistics) of MSME-Development Institute, Ahmedabad. Derivations and compilations included in this Report after extensive touring and data collected from various State Government Offices, Local Bodies, Financial Organizations, and other NGOs and Trade Organization Industrial Organizations situated in the district, by giving concurrent weightage to the "Secondary" as well as "Primary" data and information about important variants like local markets, demand, agricultural and industrial operations and financial system etc..

CHAPTER 3

DISTRICT PROFILE

(i) Location:

Ahmedabad is the most industrialised district in Gujarat. It is located amidst the State between 20.00" North Latitudes and 23.40" North Latitude and 71.6 to 72.9 East Longitude. On the North Mehsana, Sabarkanth and Gandhinagar, while on West Surendranagar district and on South Gulf Cambay surrounds the Ahmedabad district. The total geographical area is 7932.41 sq. km. which constitutes 4.05 % of the geographical area of the Gujarat State.

Administration Structure:

Ahmedabad town is the district head quarter for the administration of the district. Besides City taluka, there are 8 other taluka namely Dascroi, Dholka, Bavla, Dhadhuka, Sanand, Viramgam, Mandal and Datroj. There are 512 villages in the district.

Collector office is situated in Ahmedabad town which looks after the administration of the whole district. Besides there are 16 municipalities and total 512 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. General Manager heading the District Industries Centre with various Manager under him working for the implementation of Government of Gujarat Schemes for the promotion and development of various industries across the district.

(ii) Atmosphere and Rainfall:

Ahmedabad district is having extreme climate with wide variation in temperature during different seasons. Highest temperature is 45' degree centigrade in summer and lowest temperature comes down to 5' degree in winter season. Dahdhuka and Viramgam taluka frequently faces drought problems due to meagre rain. Average rainfall remains at 630 mm in Ahmedabad district during the monsoon season.

6.

(iii) Type of land:

Soil of Ahmedabad district is quite medium black known as Goragu in the Northern part and some areas of Sanand, Dascroi, Dholka and North Eastern part of Viramgam taluka. "Kyari" type soil is found in Southern part. While the soil of Dascroi and Sanand taluka are best for paddy crop. Some area in Dholka and Viramgam taluka having alluvial deposits in soil is highly fertile with abundant moisture covered by "rocky Soil" which is most suitable for pre monsoon crops like Cotton, Bajra and Jowar etc.

(iv) Rivers:

Sabarmati is the main river of Ahmedabad district, which normally continuously provided irrigation having "Dharoi" dam. Besides it, Khari, Meshvo, Bhogavo, Omkar, Bhadar, Nalika, Utavali and Rodh rivers also help the farmers for cultivation and provide potable water across the district. Number of Check dams and percolation tanks are constructed for the rain water cultivation.

(v) Irrigation:

Total hectares of land was under irrigation during the year 2012-13. There are two medium scale irrigation projects at Fatehwadi and Khari Cut Canals exist in the district. Both of the canals provide only seasonal irrigation to the agriculture sector. The Fatehwadi canal supplies water to City taluka, Sanand, Dholka and Bavla taluka while Khari Cut canal supplies water to Dascroi and City taluka part.

(vi) Forest:

Hectares of land lies under the forest area in Ahmedabad district. As per the National nomenclature at least 33 % area of the total land must be covered as reserved forest in the district. But, Ahmedabad district has less than this norms as the reserved forest area. Hence, farmers should be encouraged for plantation of Eucalyptus, Silanthus tress especially requires for veneer and plywood industries and people also to be encouraged for collection of forest products in the district.

CHAPTER 4

PRINCIPAL RESOURCES

Social, economic and industrial growth of any district obviously depends upon the availability of abundant natural as well as skilled human resources. Classification of these resources can be done as under.

(A) Human Resources:

It seeks greater importance in achieving consistent and targeted growth rate in every sector of the economy. Hence, it is divided mainly in two parts namely skilled and unskilled.

Labour force is deemed to be a main key of economy. Availability of labour and high productivity can heavily contribute to the achievements of targeted growth. Labour force is spread over in nearly 3800 sq.km area of the district. Available skilled labour is nearly 38.20 % to the total human resources; of which 16.13% are engaged in agriculture and 22.07 % in the industrial sector is engaged in the economy of the district. According to Census main characteristics of availability of resources are as given in the table as below.

1. Population:

Description	No.
Population	Total : 72,14,225 Person
	Male : 37,88,051 Person
	Female: 34,26,174
Population density	890 persons per sq. km.
Village Population	Total: 11,51,178 Person
Urbanised Population	Total: 60,63,047 Person
Population increase rate	22.4%
Male- female ratio	1000:904
Scheduled Caste population	7,59,483 persons
Scheduled Tribe population	89,138 persons
Total Labour force population	25,94,952 persons

2. Occupational Pattern of Population:

There are different patterns of available labour force which contributes in the progress of economy of the district. Nearly 39.61 % of the total population is available labour force. According to different pattern of profession of available labour force is divided among the agricultural, industrial and other semi skilled labour.

8.

It can be shown in the Table shown below.

Sr. No.	Description	Population	Percentage
1.	Cultivators	1,27,916	5.48
2.	Agriculture labours	1,91,480	8.21
3.	Household enterprise labours	42,553	1.82
4.	Other labours	19,70,460	84.49
5.	Total Main Labourers	23,32,409	-
6.	Marginal labourers	2,62,543	3.64
7.	Total Labour Force Population	25,94,952	35.97
8.	Unproductive population	46,19,273	60.39
9.	Total population	72,14,225	-

(B) Material Resources:

Industrial growth can be maximized by making the rational usage of the available various resources like technical knowhow, finance, productivity etc. at the proper time in ample quantity.

Agriculture:

Cultivation of various crops in all seasons is carried out with canal irrigation in Kheda district. Average rainfall is 723 mm. in Kheda. Aonla, Citrus, banana and papaya are the main fruits. Kheda is the largest producer of Aonla contributing up to 23 % to the total fruit production in the State. It also contributes nearly 7 % to the total production of vegetables in the district including potatoes, tomatoes, bringals and onions. Cumin seeds, fennel seeds, chilly, ginger and turmeric are the major spices produced in the district. Kheda is second largest producer of tobacco in Gujarat State.

(a) Land Utilisation:

Description of land utilisation is given as below:-

Sr. No.	Type of land	Hector
1.	Cultivable land	587272
2.	Net Area Sown	393179
3.	Current fellow	92373
4.	Permanent Pasture	41834
5.	Non agricultural use	63334
6.	Other Fallow land	13397
7.	Forest	17036
8.	Barren & non cultivable	77546
9.	Multiple Cropping	95953

(b) Cropping Pattern:

The Union Government has launched National Food Security Mission as a 10 % centrally sponsored Scheme. The objective is to increase the production of Wheat, Rice & Pulses on a sustainable basis to ensure food security of the country. Ahmedabad district has been included under the said scheme for the production of wheat from the year 2007-08 onwards.

9.

The district is also identified for National Agricultural Development Programme (NADP) from the year 2007-08 with a view to resolve the agricultural development strategies and reoriented to meet the needs of farmers and to evolve a strategies rejuvenating agriculture sector.

It is also selected for the implementation of Agricultural technology Management Agency (ATMA) Project from the year 2006-7 to bring drastic changes in the rural economy of the district. ATMA Project is being implemented in the district through Agriculture University, Anand at Arnej Krushi Sanshodhan Kendra.

The principal crops of the district are Cotton, Wheat, Paddy, Cumin, Castor, Juwar and Pulses. The main crop is Cotton. The district is also selected for cultivation of oil seed crops such as Ground nut, Rap seed, Mustard, Soyabean, Sun flower, Sesamum and Castor under Oil Seeds Production Programme. Castor and Mustard are main oil seed crops in the district. Fruit crops are grown in Dholka taluka.

(b) Agricultural Production & Marketing:

The Co-Operative marketing system is well established in Ahmedabad district. The farmers used to sale and purchase agricultural produces from these markets. The marketing societies cover agricultural commodities like cotton, paddy, pulses and vegetables etc.

The agricultural production of the last two years in the districts is described in the below mentioned table. :

DESCRIPTION OF VARIOUS CROPS IN THE DISTRICT DURING KHARIF SEASON

Sr. No.	Name of Crop	2013-14	
		Area Hector	Production
1.	Rice		
2.	Rice Unirrigated		
3.	Bajri		
4.	Maize		
5.	Juwar		
6.	Other Cereals		
7.	Moong		
8.	Math		
9.	Udad		
10.	Tuwar		
11.	Other Pulses		
12.	Castor		
13.	Sesamum		
14.	Tobacco		
15.	Cotton		
16.	Cotton Un irrigated		

10.

(d) Infrastructure for the Sale of Agriculture Produces:

Irrigation:

Water Resource projects can be classified into three categories (a) Major irrigation projects where culturable command area is more than 10000 hector, (b) Medium irrigation projects where culturable command area is between 2000 to 10000 hector and, (c) Minor irrigation projects where culturable command area is below 2000 hector. The minor irrigation assumes greater importance for sustainable development of agriculture sector in the district. The Monetary Institutional activities are to be emphasized for bank financing schemes for ground water exploitation, water lifting devices, lift irrigation and micro irrigation schemes. The ground water potential of the district is as under.

Horticulture:

Hectare area covered under the perennial horticulture in Ahmedabad district. Land of Dascroi and Dholka are much suitable for the plantation of mango trees, lemon, guava, chiku and pomegranate. State Government initiated various schemes to support the farmers of the district for increasing the horticulture crop production taking into considerable demand and consumption of these products. Cultivation of rose and trumpets are increasing cultivation by the farmers due to increase in demand.

Production of various fruits in the district is as under: (Production in M.T.)

Sr. No.	Name of fruit	2013-14			2014-15		
		Hector	Production	Productivity	Hector	Production	Productivity
1.	Mango	240	1200	5.00	250	1163	4.65
2.	Chiku	113	1074	9.50	113	1102	9.75
3.	Citrus	1263	13893	11.00	1480	16443	11.11
4.	Ber	770	7086	9.20	728	7528	10.34
5.	Banana	155	7440	4800	159	7672	48.25
6.	Guvava	262	3930	15.00	285	4218	14.80
7.	Pomegranate	83	996	12.00	140	1586	11.33
8.	Papaya	195	9653	49.50	200	10300	51.50
9.	Custard Apple	460	5405	11.75	510	6018	11.80
10.	Aonla	218	2769	12.70	218	2780	12.75
11.	coconut	4	28	7.00	4	28	7.00
12.	Others	144	1130	7.85	210	1670	7.95

11.

Production of Vegetables is as under: (Production in M.T.)

Sr. No.	Name of Vegetables	2013-14			2014-15		
		Hector	Production	Productivity	Hector	Production	Productivity
1.	Brinjal	5187	98553	19.00	3780	72009	19.05
2.	Cabbage	1195	19819	16.58	1207	21726	18.00
3.	Okra	2230	17282	7.75	2440	19593	8.03
4.	Tomato	3263	90385	27.70	5200	145860	28.05
5.	Cauliflower	2637	39555	15.00	1800	27900	15.50
6.	Cluster bean	3128	3062	10.25	3300	33924	1028
7.	Cowpea	256	24921	9.75	2565	25034	9.76
8.	Cucur bits	7368	114204	15.50	8205	127998	15.60
9.	Other vegetables	3591	55409	15.43	3722	58100	15.61

Production of Spices is as under (Production in M.T.):

Sr. No.	Name of Spices	2013-14			2014-15		
		Hector	Production	Productivity	Hector	Production	Productivity
1.	Cumin	30000	16500	0.55	23600	14160	0.60
2.	Fennel	100	95	0.95	100	98	0.98
3.	Fenugreek	608	1216	2.00	652	1369	2.10
4.	Suva	1500	1194	0.80	330	4125	12.50
5.	Coriander	0	0	0.00	100	145	1.45
6.	Chilli	0	0	0.00	216	384	1.78

Production of Flowers is as under (Production in M.T.):

Sr. No.	Name of Spices	2013-14			2014-15		
		Hector	Production	Productivity	Hector	Production	Productivity
1.	Rose	391	3715	9.50	410	4005	9.77
2.	Marigold	684	6703	9.80	840	7852	9.35
3.	Mogra	162	1555	9.60	166	1585	9.55
4.	Lilly	167	1637	9.80	169	1580	9.35
5.	Others	154	1386	9.00	191	1725	9.03

Source: Office of the Director, Horticulture, GoG, Gandhinagar

Forest:

Particulars of Forest Area as on 31/03/2013 is as given below:

Type of Forest area	Total Area	Type of Forest	Total Area (Hector)
Reserved Forest	45.8	Very dense	0.00
Non-classified Forest under Clause-4	1.09	Dense	14.00
Non classifies Forest	59.93	Open	130.00

12.

Fisheries:

Fisheries is also an important economic activity as it provides sustainable livelihood and nutrition. The sector is broadly classified into various sub sectors depending upon the location of resources and patterns of exploitation. All the three sub sectors viz. Marine, Inland and Brackish Water Fisheries have huge potential as Gujarat State has longest coastal area. Whereas in the land locked district it will have potential for only inland fisheries.

Inland fisheries is further classified into Capture Fisheries and Culture Fisheries based on the nature of exploitation. Capture fisheries refers to exploitation of naturally available resources without any stock management. While, Culture fisheries or Aquaculture involves farming of fish/prawn in smaller and confined water bodies like ponds and tanks. Aquaculture can be fresh water Aquaculture, if practiced in fresh water and Brackish Water Aquaculture if done in saline water. Marine culture of Sea farming is another potential activity in coastal/open Sea water i.e. Sea weed farming, Lobster fattening, oyster culture etc. Ahmedabad district has good scope for inland water fisheries.

Particulars of Fisheries are as given below:

Description	No.
Centers	47
Total No. of Fishermen Families	517
Total Population of fishermen	23397
Male	12473
Female	10924
Marine Fishermen	9642
Active (Marine)	2124
Active (Inland)	4090

Online Boat Registration is as under:

Total Applications	Total Approved	No. of Certificates issued
3	1	1

13.

Particulars of Mechanised & Non Mechanised Boats as given below:

Name of Instrument/Boat	No
Trawler	0
Gillnetter	0
FRP/IBM	1
FRP/OBM	0
Wooden PBM	0
Doll netters	0
Non Mechanised Boats	359
TOTAL	360

Particulars of Fisheries based industries are as given below:

Name of Industries	No.
Ice Factory	20
Capacity (MT)	0
Cold Storage	32
Capacity (MT)	0
Boat Buildig Yard	1
Capacity (MT)	472

Particulars of Reservoir/Pond Fisheries are as given below:

Particulars	Type of Reservoir		
	Small	Medium	Large
No.	151	1	0
Hector	8052	590	0

Particulars of Reservoir/Pond Fisheries are as given below:

Size of Reservoir	No	Area at FRL
10 HA to 50 HA	117	2853.00
50 HA to 500 HA	34	5199.00
500 HA to 1000 HA	1	590.00
More than 1000 HA	0	0.00
Total	46	4989.00

Source: Commissioner of Fisheries, GoG, Gandhinagar.

14.

Live Stock Resources:

Description of various livestock in the district is as given below:

Sr. No.	Type of Live stock	Total Animal
1.	Cow	216941
2.	Buffalo	343699
3.	Ship & Goat	148950
4.	Camel	1307
5.	Horse	806
6.	Others	2522

Source: Livestock Census, 2007.

Dairy Development:

The Dairy Development Programme seeks vital significance as a supplementary source of additional income generation in terms of allied activities in the agriculture sector for bringing improvement of the living standards of small and marginal farmers and landless labourers of the district.

Mineral Resources:

Availability of Minerals:

Although district is not rich in minerals, deposits of minerals like brick earth, black trap, limestone and sand have been located in the district. There are 82 Leases in Ahmedabad District. The leases scattered in Dascroi, Dholka, City and Mandal Taluka. As per the Commissioner letter dated 09/05/2009 the block system is adopted in villages Mahijada, Kasindra, Visalpur, Navapura of Dascroi Taluka and other blocks identified in Dascroi, Dholka and Ranpur Taluka. All leases covering the Sabarmati river and Bhadar river area.

Statistics of the various Major Minerals available in the district is as under:

Sr. No.	Major Minerals	Production	Royalty (Rs.)	Value per Tonne
		2013-14 (MT)	2013-14	2013-14
1.	Bauxite			
2.	Quartz			
	Minor Minerals			
1.	Bentonite			
2.	Black Trap			
3.	Limestone			
4.	Muram			
5.	Common Sand			
6.	Common Clay			
7.	Quartzite			

Source: Directorate of Geology and Mining, Ahmedabad

CHAPTER 5

INFRASTRUCTURE FACILITIES:

Providing basic infrastructure facilities by the State Government and local authorities is a pre-requisite for speedy transportation of agriculture products and goods manufactures, and providing services to boost the economic growth of the district. Such facilities are extensive transportation infrastructure facilities, better communication network, good post & telegraph services, broader banking and financial system, higher educational system and good health services etc. Moreover, easy and cost effective availability of raw materials in huge quantity, technically sound and skilled man power hefty distribution system for the sale of finished goods and services, heavy machinery, constant electricity power and fuel arrangement are also significant factors for achieving higher industrial growth. So, these facilities are mainly divided into two parts.

A. Physical Infrastructure Facilities, and, B. Social Infrastructure Facilities.

(A) PHYSICAL INFRASTRUCTURE FACILITIES:

(1) Availability of land for establishing various industries :

Availability of vacant plot of land in ample quantity should be easily available to the entrepreneurs. There should be balanced economic growth of the agricultural as well as industrial sectors in the district.

Gujarat Industrial Development Corporation (GIDC):

Nadiad is the main center of industrialization with GIDC estates like Nadiad Phase I, Nadiad Phase II (Kamla) and Nadiad especially for bensa (Saw Mills). Moreover, GIDC has set up ample industrial estate infrastructure in Thasra, Balasinor, Kapadvanj, and Matar Talukas. GIDC helps new as well as existing entrepreneurs for procuring industrial plots and getting other infrastructural and financial assistance from the various banks and institutions. At present, GIDC has established industrial estates and new industrial estates are proposed to be developed in the near future in the district. Thus, role of the GIDC seeks greater significant in developing balanced industrial growth in the district.

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Industrial Estates situated in various Taluka are described as below:

Sr. No.	Name of Taluka	Name of Industrial Area	Total Area Hecter	No. of units	No. of Vacant sheds
1	City	Apparel Park	38.04.00	19	NA
2	City	Behrampura (Zone D)	6.41.94	30	NA
3	Dhandhuka	Dhandhuka	40.43.49	183	NA
4	Dholka	Dholka	42.92.54	253	NA
5	City (E)	Hanspura	142.54.09	157	NA
6	City (E) & Dascroi	Kathwada	125.83.92	589	NA
7	Bavla	Kerala	111.71.23	405	NA
8	City (E)	Naroda	362.94.40	1848	NA
9	City (E)	Odhav	127.87.57	1411	NA
10	Sanand	Sanand II	1500.00.00	501	NA
11	Sanand	Sanand-IRDC	1.89.20	5	NA
12	City (E) Maninagar	Vatva	534.41.16	2430	NA
13	Sanand	Chharodi	73.52.87	2	NA
14	Viramgam	Vani	2.02.00	1	NA
15	Viramgam	Viramgam	42.70.93	275	NA

Source: Regional Manager, GIDC, Ahmedabad.

3. Water Facility for the Industrial Units:

Water facility is the prime factor for constant manufacturing of finished industrial goods as well as agricultural produces for final consumption and for drinking facilities. It is mainly managed by Gujarat Water Supply and Sewerage Board (GWSSB), irrigation canal and Sardar Sarovar Project.

Sardar Sarovar Project:

The project envisages supply of water for drinking purposes, irrigation and industrial use. Water is made available for the industrial use through the branch canals laid down in the different taluka.

The branch canals that supplies water to Ahmedabad district are as given below:

Branch Canal	Length (Km)	District	Starting Point	End Point
Dasroi	3.87	Gandhinagar-Ahmedabad	Medra	Kathwada
Dholka	71.11	Gandhinagar-Ahmedabad	Ganpatpura	Simaj
Sanad	20.17	Mehsana-Ahmedabad	Vasnoi	Chharodi
Viramgam II	39.00	Mehsana-Ahmedabad	Adundra	Hansalpur
Goraiya	36.00	Ahmedabad	Madrisana	Bhojvu
Kharaghoda	44.00	Ahmedabad-Surendranagar	Fatehpura	Haripura

4. Electricity Facility:

There two major power stations at Vatva and Sabarmati. Four 220 KV sub stations at Salejda, Viramgam, Dhanki and Nikol of Ahmedabad city are also operating.

Description of power stations situated in various taluka is as given below:

Sr. No.	Name of Sub Station	Taluka	Capacity in MVA
1	66\11 KV Kanbha	Dascroi	45
2	66\11 KV Naroda	City	45
3	66\11 KV Muthia	City	10
4	66\11 KV Barejdi	Dascroi	20
5	66\22 KV Barejdi	Dascroi	20
6	66\11 KV Jetalpur	Dascroi	20
7	66\11 KV Fulvadi	Viramgam	40
8	66\11 KV Mandal	Viramgam	20
9	66\11 KV Jakhwada	Viramgam	10
10	66\11 KV Dholka GIDC	Dholka	20
11	66\11 KV Dholka Town	Dholka	30
12	66\11 KV Koth	Dholka	20
13	132\11 KV Jalia	Dhandhuka	25
14	66\11 KV Bavla	Bavla	30
15	66\11 KV Saljada	Bavla	10
16	66\11 KV Kerala	Bavla	20
17	66\11 KV Chagodar	Sanand	30
18	66\11 KV Sanand	Sanand	45
19	66\11 KV Bopal	Dascroi	10
20	66\11 KV Chharodi	Viramgam	20
21	66\11 KV Moraiya	Sanand	10
22	66\11 KV Simaj	Dholka	10
23	66\11 KV Zamp	Bavla	10
24	132\11 KV Sabarmati	City	
25	66\11 KV Bhadaaj	Dascroi	10

1. Gas

There is one section of gas pipeline passing through the district from Kalol to Vadodara via Ahmedabad admeasuring about 41.91 km. The proposed length of gas grid is 15 km which is expected to cover the Tarapur Block.

6. Telecommunication Facility:

Telecommunication facility also seeks greater significance in the process of industrialization and economic growth of any district as a modernized equipped infrastructure.

Taiukal wise available infrastructure in the district is under:

Sr. No	Taluka	No. of Exchange	Total Capacity	Working Connection	Waiting List
1	Ahmedabad	76	493494	344956	1240
2	Bareja	09	8750	2664	9
3	Dhandhuka	11	6560	1371	0
4	Dholka	20	15856	3296	9
5	Sanand	13	19402	6489	82
6	Viramgam	21	13776	2760	3

Bharat Sanchar Nigam Limited, GMTD,

2. Railway Infrastructure:

Ahmedabad district is well connected by Broad Gauge railway lines with other districts and cities of the State and Country. It is also well connected by meter gauge railway line with other taluka. There are 42 meter gauge and 18 broad gauge railway stations in the district. The total length of Broad Gauge line is 112 km and Meter Gauge line is 245 km. It is directly connected to other important Metro cities and other major cities of the State and the country like New Delhi, Kolkata, Chhenai, Mumbai, Bangalore, Bhopal, Rajkot, Jamnagar, Vadodar, Bhavnagar, Mesana, Vapi, Bharuch, Surat, Ankleshwar and Navsari etc.

3. Road Infrastructure:

Ahmedabad district is well connected by roads with other cities of the State. National High way (NH) 8 passes through the district connecting it to other important cities like Kheda (46 km), Surat (278 km) and Vadodara (110 km). Ahmedabad- Nadiad- Vadodara Expressway has a lot improved the connectivity between the district. It is also well connected with Gandhinagar (28 km), Jamnagar (313 km), Vapi (345 km), Mehsana (74 km) and Ankleshwar (195 km).

Description of road is as given below:

Sr. No.	Description of road	Length (In kms.)
1.	National Highways	201
2.	State Highways	1016
3.	District main roads	1300
4.	Rural roads	880

Source: Road & Building Department, Ahmedabad.

4. Road Transport:

State Government Transport Corporation operates buses throughout the district. Moreover, private vehicles like jeep, rickshaws, tractor trolleys, cars, trucks, and motor cycles run over these roads in the district. There are nearly 464758 vehicles registered in RTO of the District. More over motor cycles, scooters, cars, trucks, tractors, trolley, rickshaws etc vehicles are used in large numbers. Model connectivity set up must be established among the SIR, SEZ, Sea ports, Airports etc. to boost the industrialization and overall economic growth. Logistic parks can be erected in the port areas so that requirements for cargo handling and distribution can be managed in more efficient manner.

No. of various types of vehicles registered in RTO

Sr. No.	Type of Vehicle	No. of Vehicles
1	GOODS VEHICALE	
(i)	Trucks/Lorries	99,435
(ii)	Tanker	9838
(iii)	Three wheelers	128205
(iv)	Other L.V. Goods Vehicles	65581
2.	MOTOR VEHICLE	
(i)	Stage Carriage (Bus)	72712
(ii)	Contract Carriage	0
(iii)	Maxi Cab.	9814
(iv)	School Bus	1303
(v)	Private Service Vehicle	2945
(vi)	Police Van	2522
3.	AMBULANCE	2985
4.	PRIVATE MOTOR CAR	10,61,715
	(incdg. Station Wagon)	
5.	Taxi Cab	27455
6.	Jeep	90616
7.	Auto rickshaw (PSV)	383526
8.	Motor cycle/Scooter	4820414
9.	Moped	806190
10	Tractor	120307
11	Trailer	100284
12.	Other Vehicles	27400

Source: RTO, Ahmedabad.

10. Airport Infrastructure:

Ahmedabad has one well established airport with combined facilities of National and International Terminals. It is well connected with other National airport like Vadodara, Mumbai, Chhenai, Banglore, Kolkata, Puna and Jaipur. International Terminal is well connected directly or indirectly with other countries of world like USA, England, France, China and Japan. There are well airways companies such as Air India, Indian Ailines, Jet Airways, NEPC Airlines, Damania Airways, East West Airlines and Fly Amirates provide services to the passengers all across the nation as well as for international flights.

(B)SOCIAL INFRASTRUCTURE FACILITIES:

1. Industrialisation/Entrepreneurship:

Nadiad taluka is the main industrial center in the district. The major concentration of Industries are in Textile, Paper, Electrical and Food processing sectors. Core Emballage Ltd. is one of the largest manufacturers of corrugated boxes unit at present working in the district. Moreover, Ceramics, Plastic and its products, Cement and Gypsum are the upcoming industries in the district. There are huge natural gas reserves in Matar taluka of the district.

Though the concept of avoiding risk factor for the Governmental regulations and process causes adverse effect and resulted in weakened industrial growth. Industrial Training Institutes, Productivity Development Centers, Small Scale Enterprises Development Institute- Ahmedabad, District Industries Center- Kheda and other Non-Governmental organizations must come forward to promote more and more training programmes to increase and motivate the productivity of the labour force available in the district.

2. Marketing Potential:

There are well developed Market Yards in each taluka of Kheda district for the distribution of the agricultural produces. Farmers can accrue more competitive prices for their produce in these market yards by selling their produces. There is good infrastructure in the district for the sale of industrial goods and services manufactured and produced. There are number of organized and unorganized marketing arrangements are established in the district.

Educational and Technical skills Infrastructure:

Well established Educational and Technical Training Institutes like Government aided Gujarat University, Private University approved by the University Grants Commission, GTU approved Self Finance Colleges, it is, Government Polytechnics, SFI Polytechnics and other Training-cum-Production Centers with vocational and Professional courses having modern infrastructure facilities plays vital role in the development of Human resources and provide intellectual, technically sound skilled man power to the existing industries as well as fresh entrepreneurs in the district. District Industries Centers, CED, MSME-Di, NABARD and other financial institutes also helps the district to prepare skillful persons by providing certain Skill Development Training Programmes.

21.

The no. of education and technical skills Training Institutions as given below:

Sr. No.	Type of Institutions	Number	
		Govt.	SFI
1	Primary Schools	2373	NA
2	Secondary Higher Secondary Schools	1293	41
3	PTC Colleges, B.Ed. M.Ed. Colleges	11	25
4	Engineering College	02	11
5	Commerce College	40	01
6	Arts College	33	05
7	Science College	08	04
8	Law College	06	00
9	Management college	01	10
10	MCA College	03	10
11	BABA College	07	06
12	Fire Safety	00	01
13	Medical College	08	16

A. No. of educated and unemployed youth registered with the Employment Exchange of the district at Nadiad are as under:

Sr. No.	Standard passed	Male	Female	Total
1	SSC	30082	16914	46996
2	HSC	23769	14782	38551
3	B.Sci.	595	718	1313
4	B.Com	3369	2012	5381
5	B.A.	2769	3213	5982
6	B.E.	-	-	-
7	Diploma Holders	7029	67	7096
8	Artisans(Tech), ITI etc.	748	546	1294
9	Others	573	148	757
	TOTAL	68934	38436	107370

Source: Employment Exchange, Ahmedabad.

B. Working of Employment Exchange from the year 2006-07 up to 2009-10

Sr. No.	Year	No. of persons registered in Employment Exchange during the year	No. of Live on Register at the end of the year	No. of vacancies notified during the year
1	2010-11	54191	24509	107756
2	2011-12	51422	33272	101349
3	2012-13	49088	30096	95237
4	2013-14	49000	26372	93438

GROWTH CENTERS:

Growth Centers which helps the administrative and Non-administrative agencies to establish and fasten the industrialization in the district are as under:

(1) MSME-DEVELOPMENT INSTITUTE-AHMEDABAD:

MSME-Development Institute, formerly known as SISI is an organ of the Office of the Development Commissioner, (MSME), New Delhi, in the state of Gujarat. The office of DC (MSME), known as MSME-DO is an apex body & is the nodal agency for formulating, coordinating, monitoring the Policies and Programmes for promotion and development of Micro, Small & Medium Enterprises in the country. The MSME-DI, Ahmedabad provides wide range of Extension Services to the Micro & Small Scale Sector in the state of Gujarat through main Institute at Ahmedabad and two Branch Institutes located at Rajkot & Silvassa.

MSMED ACT 2006:

Vide Gazette notification issued on 2nd Oct., 2006 by GOI, Min. of SSI & Min. of ARI, were merged together and Ministry of MSME was formed.

Package for Promotion of MSMEs declared:

- Credit
- Cluster Based Development
- Technology & Quality Up-gradation Support
- Marketing Support
- Entrepreneurial & Managerial Development
- Empowerment of Women Owned Enterprises
- Strengthening Capability of Associations
- Need for more attention
- To Weaker section (SC,ST,PH,WOMEN, MINORITIES & NORTH EASTERN REGION)

Manufacturing Enterprise	Service Enterprise
Micro: Investment in Plant & Machinery up to Rs.25 lakh	Micro: Investment in Plant & Machinery up to Rs.10 lakh.
Small Scale: Investment in Plant & Machinery, more than Rs.25 lakh but not exceeding Rs.5 Crore.	Small Scale: Investment in Plant & Machinery, more than Rs.10 lakh, but not exceeding Rs.2 Crore.
Medium Scale: Investment in Plant & Machinery, more than Rs.5 Crore but not exceeding Rs.10 Crore.	Medium Scale: Investment in Plant & Machinery, more than Rs.2Crore, but not exceeding Rs.5 Crore.

23.

CREDIT GUARANTEE FUND SCHEME FOR MICRO & SMALL ENTERPRISES (CGTMSE):

The Credit Guarantee Fund Trust for Micro & Small Enterprise shall cover credit facilities extended, by eligible lending Institution(s) in respect of a single eligible borrower not exceeding Rs. 1 Crore, by way of term loan and /or working capital facilities on or after entering into an agreement with the Trust, to the small scale industrial units including information technology and software industries, without any collateral security and/or third party guarantee. The guarantee cover available under the scheme is to the extent of 75 per cent of the sanctioned amount of the credit facility. The extent of guarantee cover is 80 per cent for (i) micro enterprises for loans up to Rs.5 lakh; (ii) MSEs operated and/or owned by women; and (iii) all loans in the North-East Region.

The fee payable to the Trust under the scheme is one-time guarantee fee of 1.5% and annual service fee of 0.75% on the credit facilities sanctioned. For loans up to Rs.5 lakh, the one-time guarantee fee and annual service fee is 1% and 0.5% respectively. Further, for loans in the North-East Region, the one-time guarantee fee is only 0.75%.

CREDIT LINKED CAPITAL SUBSIDY SCHEME FOR TECHNOLOGY UPGRADATION OF THE SMALL SCALE INDUSTRIES (CLCSS):

The Scheme aims to facilitate technology up-gradation of MICRO & SSI units in the specified products/ sub-sectors by providing 15% capital subsidy on loan up to Rs. 100 lacs for induction of proven technologies approved under the scheme.

Type of Units to be covered under the Scheme:

Existing Micro & SSI units registered with State Directorate of Industry which upgrade with the State-of-the-Art-Technology with or without expansion.

New Micro & SSI units which are registered with State Directorate of Industry and which have set up their facilities only with the appropriate eligible and proven technology duly approved by the GTAB (Governing & Technology Approved Board)

QUALITY UPGRADATION IN SMALL SCALE SECTOR THROUGH INCENTIVE FOR ISO-9000/14000 / HACCP CERTIFICATION:

The scheme provides reimbursement of 75% of eligible expenditure made for acquiring ISO-9000/14000 /HACCP Certification up to Rs. 75,000/- to each Micro & SSI unit.

PURCHASE & PRICE PREFERENCE POLICY:

This is administered through Registration Scheme of NSIC. Facilities include tender free of cost, exemption from earnest money & security deposits and preference in Central Government.

Participation in International Trade Fair: SUBSIDY TOWARDS:

- @50% space rent.(100% to women & SC/ST Entrepreneur)
- @75%air fair by economy class. (100% to women & SC/ST Entrepreneur)
- Total subsidy on air fair & space rent restricted to Rs1.25Lakh.
- Any unit can avail once in a year.
- Only one person of the participating unit would be eligible for subsidy on air fare.

SCHEME OF REGISTRATION FOR BAR-CODING

Financial assistance will be given to Micro & SSI's for adoption of international numbering standards used in Bar Coding/E commerce applications. Financial assistance under the Scheme will be limited to 75% of the registration fee and 75% of the annual fee for first three years of registration.

Scheme for Marketing Assistance & Technology Up-gradation in MSMEs:

■ Marketing Assistance and Technology Up-gradation Programme is a strategic initiative for adoption of Modern Marketing techniques by MSMEs consistent with the requirement of global market. It involves eight sub components for which Government of India (GOI) funding assistance will be available.

■ **Major activities under the Scheme:**

- i) Technology Up-gradation in Packaging.
- ii) Skill Up-gradation/ Development for modern marketing techniques.
- iii) Competition studies.
- iv) Special component for North Eastern Region
- V) New markets through State/District level local exhibitions/Trade fairs.
- vi) Corporate Governance practices.
- vii) Marketing Hubs.
- viii) Reimbursement to ISO 18000/22000/27000 certification.

SCHEME OF BUSINESS INCUBATION CENTER:

- Incubation of **new ideas**.
- **Rs.4 lakh** and **Rs. 8 Lakh** to BI pre idea/unit nurtured.
- Total **10 new ideas or units to nurture**.
- In addition, each BI may get **Rs.6 lakh** for up gradation of infrastructure, orientation / training & administrative expenses.
- Total assistance per BI is **Rs. 66.5 Lakh**

NATIONAL AWARDS:**CATEGORY FOR NOMINATION IN NATIONAL AWARD SCHEME:**

- 1. Best Efforts in Entrepreneurship Micro, Small & Medium (Manufacturing)**
- 2. Best Efforts in Entrepreneurship Micro, Small & Medium (Service)**
- 3. Product/Process Innovation Micro, Small & Medium**
- 4. Quality Products in Selected Products in Micro & Small enterprises (SMEs)**
- 5. Lean Manufacturing Techniques**

CASH PRIZES, CITATION & TROPHY:

First Prize: Rs.3,00,000/- Cash Prize, Certificate and a Trophy.

Second Prize: Rs.2,00,000/- Cash Prize, Certificate and a Trophy.

Third Prize: Rs.1,50,000/- Cash Prize, Certificate and a Trophy.

- 1. National Awards for Best Efforts in Entrepreneurship (Manufacturing)**
- 2. National Awards for Best Efforts in Entrepreneurship (Service)**

Objectives:

These awards are given to Micro, Small & Medium scale entrepreneurs in Manufacturing and Service sector separately for encouraging and motivating them to set up small scale units to modernize their existing industries with a view to upgrade the quality of their products, enhancing turnover, productivity, profit and to increase their share both in domestic/ export markets, innovating new technology/design and bringing in technological improvements.

- 3. National Awards for Product/Process Innovation in Micro, Small & Medium Enterprises**

The awards are given to Micro, Small & Medium scale entrepreneurs for very creative and innovate new products and process as well as provide innovate services to remain competitive in domestic and global market. This has become possible to encourage such innovative efforts and promote this spirit in larger interest of qualitative development of MSME. The Ministry of MSME recognize these entrepreneurs for their outstanding innovations in products/ process and by conferring awards to motivate and encourage them. Definition of Invention & Innovation- Invention refers to new concepts or products that derive from individual's ideas or from scientific research. Innovation, on other hand, is the commercialization of the invention itself.

- 4. National Awards for Quality Products in Selected Products in Micro & Small enterprises (MSEs):**

Objective:

- (a) To encourage small scale industries to produce quality products conforming to national and international standards.
- (b) To propagate a culture of quality consciousness amongst a vast section of small scale manufacturing units and
- (c) To instill a sense of confidence in small industry products with the domestic consumers and to enhance the image of Indian Products in export market.

5. National Awards for Lean Manufacturing Techniques:

MSMEs implement the LM techniques for reducing their manufacturing costs through proper personnel management, better space utilization, scientific inventory management, improved process flows, reduced engineering time etc. Such LM techniques also help in improving the quality of the final product. Large enterprises are capable of taking initiative on their own which essentially involves engaging the services of LMCs (Lean Manufacturing Consultants). The Indian entrepreneurs are very creative and implement the LM techniques to remain competitive in domestic and global market. The Ministry of MSME recognizes these entrepreneurs for their outstanding efforts for implementing LM Techniques for reducing their manufacturing costs and by conferring Awards to motivate and encourage them.

Scheme of International Cooperation:

The scheme covers the following activities:

- Participation by Indian SSI/SE in **exhibitions, fairs& buyer-seller meet** in India, in which there is **international participation**.
- Deputation of SSI/SE **business delegations** to other countries for exploring new areas of **technology infusion/ upgradation, facilitating joint venture, improving market of SSI/SE products, foreign collaborations, etc.**
- Holding **international conferences and seminars** on topics and themes of interest of the SSI/SEs.
- **Eligible Organisation:**
 - State/Central Government organisation Industry/Enterprise Association, and Registered Societies/Trust associated with the SSI/SE.
- **Quantum of Assistance:**
- **International Events: Rs.25 Lacs per events.**
- **Domestic Events: Rs. 12 Lacs per events.**

Scheme for Capacity Building, Strengthening of Database & Advocacy by Industry/Enterprise Association:

Under the scheme, National/Regional/State/Local Level Industry Associations which are registered for at least 3 years and having a regular charter, list of member and audited account, etc.; would be eligible for financial assistance.

Financial assistance for Secretarial & Advisory/ extension services, maximum of Rs 5 lakh.

Association will be required to provide the regular manpower and office space at their own cost & also to bear equivalent/ matching contribution towards cost of modernisation of their facilities, equipment and training of their personnel.

MICRO & SMALL ENTERPRISE CLUSTER DEVELOPMENT PROGRAMME:

- To support the sustainability and growth of MSEs by addressing common issues such as improvement of technology, skills and quality, market access, access to capital, etc.
- To build capacity of MSEs for common supportive action through formation of self-help groups, consortia, up gradation of associations, etc.
- To create/upgrade infrastructural facilities in the new/existing industrial areas/ clusters of MSEs.
- To set up common facility center (for testing, training center, raw material depot, effluent treatment, complementing production processes etc.)

Lean Manufacturing Competitiveness Scheme:

OBJECTIVES:

- To increase the competitiveness of the MSME sector through the adoption of L M Techniques with objective of :
- Reducing waste
- Increasing productivity
- Introducing innovative practices for improving overall competitiveness
- Inculcating good management system
- Imbibing a culture of continuous improvement
- MSMEs will be assisted in reducing their manufacturing cost, through implementation of LM techniques, like 5S System, Standard Operating Procedure, Just in Time, KANBAN System, Cellular Layout, Value Stream Mapping, Poka Yoke or Mistake Proofing, Single Minute Exchange of Die or Quick Changeover, Total Productive Maintenance, Kaizen Blitz or Rapid Improvement Process.
- LM techniques will be implemented in selected cluster by engaging the services of LM Consultant.

A maximum of 80% of the project cost for each cluster will be borne by Government

NATIONAL MANUFACTURING COMPETITIVENESS PROGRAMME:

1. Marketing Support/Assistance to MSMEs (Bar Code)
2. Support for Entrepreneurial & Managerial Development of SMEs through Incubation.
3. Enabling Manufacturing Sector to be competitive through QMS/QT.
4. Building Awareness on Intellectual Property Rights (IPR)
5. Lean Manufacturing Scheme for MSMEs
6. Design Clinic Scheme for Design Expertise to MSMEs
7. Marketing Assistance & Technology Up-gradation Scheme in MSMEs
8. Technology & Quality Up-gradation to MSMEs
9. Promotion of ICT in Indian Manufacturing Sector.

(2) Indo German Tool Room Ahmedabad:

It is a tool room and training Centre engaged in production of tools of precision plastic & metal component and also engaged in area of Training in tool and die making, CAD/CAM & CNC Technology. The time has now come to evolve and implement new strategies, to exploit the hidden potential in human resource and future entrepreneurs in making for the development of the society, in this context INDO GERMAN TOOL ROOM offers a wide range of services especially to small scale industries.

(3) Gujarat State Finance Corporation (GSFC):

- Incorporated on 1st May, 1961. Its main object is to provide financial assistance to small and medium scale new/existing industrial and service sector units all over Gujarat for acquisition of fixed assets, preliminary and pre-operative expenses, expansion, modernization, diversification etc.

28.

- GSFC has played an important role in the industrial development of the state. Till date, it has financed 47,331 units and disbursed Rs. 3,300 Crore, generating employment for over 6,00,000 persons. Many units financed by it are now well established and have also graduated from small to medium and large scale.
- Since the last few years, Corporation is passing through financially difficult times. Due to very heavy NPA and as commercial banks are now performing similar activity has stopped advancing fresh loans since October 2001.
- Currently, it is engaged in the activity of recovering dues from its borrowers and paying its lenders.
- One Time Settlement schemes have been introduced to expedite recovery.
- Cost cutting exercise has been implemented to reduce manpower by deputing staff to various Government departments and by implementing VRS.
- Government has formed a high-powered committee under Chief Secretary to decide on the future of GSFC. Committee has decided to offer VRS to employees, have OTS scheme and restructure the organization.

(4) Quality State Export Corporation:

GSEC Limited, which was formerly known as Gujarat State Export Corporation Limited, a Public Limited Company, primarily engaged in the activities of Export & Import facilities and trading business is a merchant exporter and Custodian of Cargo Complexes at Ahmedabad and Indore. At Vishakhapatnam, it operates the Air Cargo Complex under an operation and Maintenance with Andhra Pradesh Trade Promotion Corporation Limited (APTPC).

Since the time of acquisition of the Company under the disinvestment proposal from the Government of Gujarat in 2004, lot has gone into redefining its operation. GSEC Limited was the first Private Company to take over the Air Cargo Complex as a Custodian. The infrastructure, Speed of Processing, Delivery, Security, Computerized Systems, State of the Art facilities, Service Orientation and Vale Addition to the clients, businesses, today has made it an impeccable choice of many Corporate & Custom House Agents to patronize its services.

Apart from Cargo Handling, the Company also exports Dyes & Intermediates. The Company has also been awarded with Exclusive Dealership for the Furnace Oil & Bitumen by M/s Essar Oil Limited for the State of Gujarat and Rajasthan. The Company imports and sells Bitumen, used for Road Construction and has created Port based Storage Infrastructure on own\lease routes. The Company has recently added PETCOKE and Air Turbine Fuel (ATF) to its Products Portfolio. GSEC Limited has become a well diversified Company and is exploring many different Projects and business through its subsidiaries.

The Company has three subsidiaries:

1. GSEC Logistics Limited:

The Company incorporated in 2010 is developing an Inland Container Depot at Ratlam in Madhya Pradesh, after being awarded the Prestigious License by the Government of India for establishing an ICD. The Company is expected to start the Project in near future as some necessary approvals from some Departmental Authorities of the Government are pending. This Project will be of a great help for the growth of the Coal and National Businesses and will also provide the competitive advantage to the Company.

2. GSEC Green Energy Private Limited:

The Company operates Tyre-pyroslysis Plant at Ratlam in Madhya Pradesh. It is based on the Scientific and Environmental Protection by using waste tyres as a raw material and producing fuel, Carbon Black, Steel & Gas as byproducts. The Products are a cheaper alternative to other fuels like Furnace oil. This way, over and above generating revenue and income, it also helps saving environment to a great extent. The Plant is currently running at a full capacity.

3. Komoline Aerospace Limited:

Komoline Aerospace Limited is a Technology-intensive Company established in 1990. Its business range mainly comprises Aerospace, Satellite-enabled instrumentation and Hydro-Meteorology. The ISO 9001:2008 Certified Company is committed to its business through State-of-the-Art Microelectronics Technology and very wide range of Projects. Komoline is a growing entity and has an esteemed clientele that includes the likes of Indian Space Research Organization (ISRO), Nuclear Power Corporation(NPC), Naval Science & Technology & Laboratory (DRDO), Centre for Advanced Computing, Physical Research Laboratory (PRL), Tata Institute of Fundamental Research, Gujarat Water Resources Institute, Agriculture Insurance Company of India Limited, Wipro Energy Limited, Larsen & Tubro Limited, 3M India, Lanco Solar Power Limited, Adani Ports & SEZ Limited and many Universities in India.

Along with the subsidiaries, GSEC Limited is heading towards becoming the leading Logistics Services Provider and a successful well diversified Company in the coming years.

(5) Gujarat State Industrial Development Corporation(GIDC):

With a view to fasten the industrialization in the State and to provide all type assistance and guidance to the new entrepreneurs and the existing one, GIDC is established by the Government of Gujarat. It helps the entrepreneurs in procuring industry base sheds, formation of industrial plots, provide basic infrastructural necessary facilities to the various industries viz. roads, electricity, drainage, telephone lines, canteen, shopping centers, fire safety services etc.

ALLOTMENT OF THE PROPERTIES:

- Allotment of Properties
- Circular
- Policy Circulars for Allotment
- Application procedure for Allotment

PROJECT WORK:

SPECIAL INVESTMENT REGIONS:

The Government of Gujarat enacted the SIR act in 2009 with the objective of creating large size Investment Regions and Industrial Areas in the State of Gujarat and develops them as global hubs of economic activity supported by world class Infrastructure. Gujarat is the only state in the country to enact such an Art. GIDC is setting up 11 Special Investment Regions in Gujarat catalyzing unprecedented economic growth in the state.

- it enables the State Government to establish, develop, operate and regulate SIRS
- The Government is empowered to declare an Investment Regions or an Industrial Area
- An SIR has a minimum area of 100 sq. km. (10,000 hectare). An Industrial Area has a minimum area of 50 sq. km. (5,000 hectare)
- A 4 tier administrative mechanism set up for establishment, operations, regulations and management of SIRs / IAs.

(6) National Small Industries Corporation (NSIC):

Schemes & Services:

- Marketing Assistance
- Bank Credit Facilitation
- Performance & Credit Ratings
- Raw Material Assistance
- Single Point Registration
- Infomediary Services
- Marketing Intelligence
- Bill Discounting
- Infrastructure

31.

(7) Gujarat Industrial & Technical Consultancy Organisation (GITCO):

Gujarat Industrial & Technical Consultancy Organisation (GITCO) is established in 1987 with collaboration of seven nationalized banks along with BIICGS, FCBSIC, GMDC and GSIC corporations established by the State Government.

The main objective of this organization is to provide satisfactory, timely and economical advice and financing to the small and medium scale industries and thus contribute in the economic growth of the State as a whole.

Service we Offer:

- Project Opportunity Identification Service
- Preparation of Techno-economic Feasibility Report
- Project Appraisal Services
- Environment Management Services
- Comprehensive Market Surveys
- Loan Syndication
- Valuation of Assets & Stock Audit
- Bid Management
- Project Monitoring
- Diagnostic Reports
- Environment Consultancy Services
- Technology Evaluation Studies
- Infrastructure Development Projects
- Training Seminars/Programmes
- Organisation Development and Management Consultancy
- Patent Assistance
- Third Party Inspection

Government of Gujarat, Industries & Mines Department has Notified New Industrial Policy 2015 with the objectives to assist and enhance the competitiveness, development and overall growth of MSMEs in Gujarat.

The New Industrial Policy – 2015

VISION

'Gujarat' is as a globally competitive and innovative industrial destination that stimulates sustainable development & promotes inclusive growth. Given the inherent strengths of the state, its strong positioning on a national and international platform, and by its constant emphasis on promoting excellence, Gujarat comes forward with a dual vision.

By making Gujarat as an attractive "Total Business Destination" expedite the overall country's economic growth, thereby increasing the standard of living and prosperity among the people of Gujarat by giving them the opportunity for skilled employment and availability of nurtured enterprises.

MISSION

- To create employment opportunities for both skilled and unskilled workforce
- To become a Global hub for manufacturing
- To promote Ease of Doing Business to create business friendly environment
- To provide pro- active support to micro, small and medium enterprises
- To promote the spirit of innovation and incentivize entrepreneurship among youth by providing specific sector skills and seed capital
- Ensure effective implementation of the policies

Being an industrialized state, Gujarat needs to have a strategy which can support industrialization through higher value addition. Accordingly, the salient features of strategy are:

- Accelerating Development of Infrastructure
- Promoting labour intensive industries
- Focus approach for industrially under-developed Areas
- Strengthening sector-specific vocational skills
- Encouraging Universities for incubating start-ups & innovative product development
- Support technology up-gradation and research & development
- Promote trade facilitation & e-governance
- Support to Service sector enterprises
- Conducive labour reforms including more opportunity for women
- Focus approach on 'Make in India' programme
- To enhance last mile connectivity for strengthening development of infrastructure
- To promote specific sector approach & value addition in production
- To encourage the adoption of green, clean-energy business practices
- To promote innovation, start-ups & technology transfer
- Providing equity support for MSMEs & Start-ups
- Facilitation to large/ mega projects

33.

Micro, Small and Medium Enterprises (MSME) Facilitation Desk – A Novel initiative of Government of Gujarat

To cater to the need of the hour, Honourable CM, Anandiben Patel in her vision of progress launched the “MSME Facilitation Desk” on 5th February, 2015 to assist the process of setting up a business unit till its commissioning.

The challenges faced by MSMEs are scaling up day by day. Realizing this, the Central and State governments have provided several incentives for the MSME industries over the years.

To address various concerns of MSMEs, a dedicated team of professionals has been formed to put in efforts for providing assistance to the MSME industry of the State. Four regional desks have been placed at district level in Ahmedabad, Surat, Vadodara and Rajkot to provide hand-holding assistance at local level in order to achieve a better reach to the MSME industries.

All the services offered at the desks are free of cost for anyone willing to set up or expand their business. Services include creating awareness and helping and extending them hand holding support in the state of Gujarat.

□ Objective of MSME Facilitation Desk The core objective of the desk is to facilitate the prospective investor/ entrepreneur in the process of setting up or expanding his/ her business.

□ **Ahmedabad Desk**

Address: District Industries Centre,

1st Floor, Bachat Bhavan,

Relief Road,

Ahmedabad 380001

Mail ID: msmedesk-ahm@gujarat.gov.in

Phone No.: 079-25503568

SCHEMES FOR NEW INDUSTRIAL POLICY 2015

1. **Assistance for Micro, Small and Medium Enterprises (MSMEs)**
 - [Government Resolution No. SSI-102014-924840-CH, Dt 19-01-2015](#)
 - [Schemes](#)
2. **Scheme for Market Development Assistance**
 - [Government Resolution No. GFC-102014-923625-P, Dt 27-02-2015](#)
 - [Circular for approval of exhibition for scheme no IC/MSME/T.2/1074916, Dt 20-05-2015](#)
 - [Schemes](#)
3. **Schemes for Assistance to MSEs for Shed and Plot developed By**
4. **Private Developer**
 - [Government Resolution No. MIS/102014/430906/CH, Dt 10-03-2015](#)
 - [Schemes](#)
5. **Schemes for Assistance Labour Intensive Industries**
 - [Government Resolution No. MIS/102014/924881/I, Dt 28-01-2015](#)
 - [Schemes](#)
6. **Assistance for Common Environmental Infrastructure**
 - [Government Resolution No. GID/102014/922945/G, Dt 19-01-2015](#)
 - [Schemes](#)
7. **Assistance for Industrial Infrastructure**
 - [Government Resolution No. GID-102014-922908-G, Dt 19-01-2015](#)
 - [Schemes](#)
8. **Scheme for Assistance for Research and Development Activities**
 - [Government Resolution No. GID-102014-922999-G, Dt 19-01-2015](#)
 - [Schemes](#)
9. **Scheme for Assistance for Environment Protection Measure**
 - [Government Resolution No. GID-102014-922884-G, Dt 19-01-2015](#)
 - [Schemes](#)
10. **Scheme for Financial Assistance to Industrial Park**
 - [Government Resolution No. GID-102015-893580\(1\)-G, Dt 21-04-2015](#)
 - [Schemes](#)
11. **Scheme for Financial Assistance to Logistic Park**
 - [Government Resolution No. GID-102015-893580\(2\)-G, Dt 21-04-2015](#)
 - [Schemes](#)
12. **Scheme for Awards to MSMEs and Export Awards**
 - [Government Resolution No. SSI-102014-924854-CH, Dt 19-01-2015](#)
 - [Schemes](#)
13. **Scheme for Financial Assistance to Plastic Industry**
 - [Government Resolution No. MIS-102014-924790-I, Dt 27-01-2015](#)
 - [Schemes](#)
14. **Scheme of Assistance to Micro and Small Enterprise (MSMEs) for Shed and Plot developed by GIDC**
 - [Government Resolution No. MIS/102015/430906/CH, Dt 10-03-2015](#)
 - [Schemes](#)
15. **Scheme for Assistance to Start Ups/Innovation**
 - [Government Resolution No. MIS-102014-924909-I, Dt 27-01-2015](#)
 - [Schemes](#)

(8) District Industries Center (DIC):

Monitoring of DICs

The functioning of DICs and their achievement is monitored by Industries Commissioner, Meeting of General Managers are organized frequently to evaluate the performance and also help in resolving difficulties in implementation of different schemes. To resolve the problems of industries/industrialists, there are two types of committee at the district level viz.

1. District Industrial Executive Committee (DIEC)

DIEC is constituted for solving industry related problems and promoting industrial growth. District Collector is the Chairman of this Committee and General Manager of DIC is the Member Secretary. The other members of the DIEC are President of District Panchayat, DDO, MP, MLAs, Prominent persons active in Industries in the district and members of all district level industries associations.

2. Single Window Industrial Follow up Team (SWIFT)

Entrepreneurs face many difficulties when they start new industries. They have to deal with many government agencies and get many clearances. SWIFT helps them in guiding solving their problems at a single spot. This committee is working under the District Collector, General Manager of DIC is the Member Secretary and District Development Officer is Vice President of SWIFT. All industries related officers in the district are members of this committee.

Functions of DICs

Registration

- C.S.P.O.
- Lubricating, Oil, Grease License

Recommendation:

- Land recommendation for N.A.

Incentive Scheme:

Seminars:

- District or Taluka Level
- Buyer-Seller & Exhibition

Others Activities:

- Recovery of Package Loan margin Money Loan & Subsidy
- Welfare of Salt Workers and Recovery of Royalty from Salt Workers.
- Follow up of Industrial Approvals.
- Follow up of units which have availed benefits under incentives schemes

Self Employment scheme:

1. Recommendation of loan applications under Vajpayee Bankable Scheme
2. Recommendation of loan application under PMEGP Scheme
3. Manav Kalyan Yojana – Tool kits to artisans.

Co-operative Package Scheme

1. Package Scheme
2. Handloom Development Scheme
3. Training & Production centre
4. Woolen Carpet Centre
5. Weaving Scheme
6. Recovery of Loan & Share contribution of Co-operative Societies
7. Liquidation of Industrial Society
8. Preparation of Project Profiles
9. Audit of Industrial Society
10. Gramodyog Vikas Kendra
11. Hasta kala Mela

At present 32 District Industries Centre (DIC) are functioning in Gujarat State. The main objective of establishing DIC is to provide all assistance under one umbrella to the entrepreneurs engaged in dispersed area and diversified industries and to those proposing to establish a fresh small and cottage industries. The perspective entrepreneurs get all type of assistance like credit, raw materials, power, land and building from DIC. Even for follow up of larger projects having investment up to Rs. 100 Crore, where the corporate office is in Gujarat, DIC extends its assistance for speedy implementation of the projects.

The working of all DIC is motivated by the Monitoring Cell established in the office of the Industries Commissioner. The progress achieved by each DIC is monitored every month by the Industries Commissioner in the meeting of all General Managers of the District Industries Centres.

At the district level, there is District Industries Executive Committee with Member of Parliament (MP) or Collector as the Chairman. This Committee meets periodically to discuss and solve the problems of Industrialists with the help of DIC.

In order to achieve better Co-ordination between different agencies and to solve the problems of entrepreneurs, a "Single window Industries Follow up Team (SWIFT)" has been constituted in all the districts under the Chairmanship of Collector of the district.

37.

Moreover, the arrangement has been made for the applicant to have proper guidance and authentic information of various schemes implemented by District Industries Centres (DICs) with establishing the 'Citizen Charter Centre' in all DICs.

The District Industries Center conducts various training programs for beneficiaries. Apart from assisting in implementation of Vajpeyi Bankable scheme, Jyoti Gramodyog Yojana, Prime Minister's Employment Generation Programme (PMEGP) etc., DIC also looks after KVIB Schemes implemented in the district.

The DIC and KVIB are involved in extending assistance to rural / artisans and entrepreneurs. Marketing of the manufactured goods is taken care of by the artisans themselves and is therefore a major problem for individual artisans. Bank of Baroda has a Rural Self-employment Training Institute in Vadodara city to cater to the training needs of educated unemployed youth of the district, to make them market ready for undertaking employment generating activities. GoI, Ministry of Labour has a special institute in Vadodara for Vocational Training for Women.

38.

Particulars of Industrial Associations and Chamber of Commerce are as given below:

Sr. No.	Association/Chamber of Commerce	Telephone No.	Fax No.	E:mail
1	Gujarat Chamber of Commerce Nr. Natraj Cinema, Ashram Road, Ahmedabad. 380 009	079- 26582301 /2/3/4	26587992	bis@gujaratchmber.org
2	Gujarat State Plastic Mfg. Association 2 nd Floor, Span Trade Centre, Nr. Paldi Cross Road, Ellis bridge, Ahmedabad. 380 006	079- 26579204 26578227	26579204	infor@gspma.org
3	Gujarat State Small Industries Federation 407, Nirman House, Nr. Times of India, Ashram Road, P. B. No.: 4215, Ahmedabad: 380 001	079- 26584409	25583764	gssifedofindia@rediffmail.com
4	Gujarat Dyestuff Mfg. Association Metro Chem. Chambers, "Karma", 8 th Floor, O/p Mahalaxmi Municipal Market, Paldi, Ahmedabad. 380 007	079- 26652061		info@gdma.org
5	Agrochemicals Manufacturers Association of India (AMAI) 20, Embassy Market, 1 st Floor, Nr. Dinesh Hall, Ashram Road, Ahmedabad. 380 009	079- 22822332	26580558	amaiagrochem@yahoo.in
6	Gujarat Roller Flour Millers Association 210, Century Market, Kalupur, Ahmedabad. 380 002	079- 22166662 22158305	22134794	grfma@wilnetonline.Net
7	Gujarat Detergent Mfg. Association Madhuvan, 4 th Floor, Ellis bridge, Ahmedabad	079- 26447730 /31/48	26427516	
8	Indian Small Scale Paints Association (Gujarat Region) 16, Embassy Market, Nr. Dinesh Hall, Ashram Road, Ahmedabad.	079- 26582478 26583304	26582204	Maruteepaints@yahoo.com.in
9	Vatva Industries Association G-1, GIDC, Phase-I. Vatva, Ahmedabad. 382 445	079- 25833496 25834561	26890961	info@vatvaassociation.org
10	Odhav Industrial Association L-123, GIDC Estate, Odhav, Ahmedabad. 382 415	079- 22871202	22874273	via@odhavgidc.org
11	Naroda Industrial Association Sheth Shantilal Kapasi Hall, 184-A/1, GIDC Estate, Naroda, Ahmedabad. 382 330	079- 22822361	22822361	Niaindiaad1@sancharnet.com

39.

Sr. No.	Association/Chamber of Commerce	Telephone No.	Fax No.	E:mail
12	Ahmedabad Textile Mills Association ATMA House, Ashram Road, Navrangpura, P. B. No.: 4056, Ahmedabad. 380 009	079-26582273 /74	26588574	secgen@atmaahd.com
13	Ahmedabad Engg. Mfg. Association 201-202, Sayona Centre, Memco Cross Road, Ahmedabad.	079-22200364	22200363	acm@aemassociation.com
14	Laghu Udhog Bharti-Gujarat 307, Ashram Avenue, B/h Kochrab Ashram, Ellisbridge, Ahmedabad: 380 006	079-26582605 22870162	25582529 26582605	laghuudhog@icenet.net
15	Federation of Industries Association 607/608, Hari Krishna Complex, O/p Kothawala Flat, Pritam Nagar, Ashram Road, Ahmedabad. 380 006	079-26576678	26576678	fiagujarat@yahoo.com
16	Confederation of Indian Industries 203-204, Sears Tower, Gulbai Tekra, Ahmedabad.	079-26488872 26469346	26462878	
17	Indian Drugs Mfrs. Association 4, Park Avenue, 1 st Floor, Nr. Parimal Garden Cross Road, Ambawadi, Ahmedabad. 380 006	079-26406680	26406680	Idmagsabad@sanchar net.in
18	Gujarat Pharmaseutical Association C\o BCM Corporation, Kalpana Society, Navarangpura, Ahmedabad. 380 009	079-26427153	26425511	Info@bcmcorporation.com
19	FICCI, Gujarat State Council 701, Kaivana Complex, O/p Saffron Building, Panchvati Cross Road, Ambawadi, Ahmedabad. 380 006	079-26400505	26400521	Gujarat@ficci.com
20	Ahmedabad Foundry Cluster 116-117, Anar Co.op Indl Estate, O/p Forge & Blower, Naroda Road, Ahmedabad. 380 015	079-22203898 22202191	2205075	
21	Changodar Chamber of Commerce & Industries Farmers House, Sarkhej-Bavla Road, N. H. No.: 8A, Changodar, Taluka: Sanand, Ahmedabad.	02717-250121 250122	220123	kcjani@gmail.com
22	Kathwada Industries Association Plot No.: 411, Road 4-A, GIDC Estate, Kathwada, Dist.: Ahmedabaf. 382 330	079-22900497		

40.

Sr. No.	Association/Chamber of Commerce	Telephone No.	Fax No.	E:mail
23	Viramgam Industries Association 19, GIDC Estate, Hansalpur, Viramgam. Dist: Ahmedabad			
24	The Gujarat Garments Manufacturers Association 912/913 Laxmi Vishnu Market, Ghee Kanta Road, Ahmedabad.			Info@ggma.in
25	Agrochemicals Mfrs. Association of India 20, Embassy Market, 1 st Floor, Nr. Dinesh Hall, Ashram Road, Ahmedbad.	079- 26574613 22822332	26580558	amaiagrochem@ yahoo.in
26	The Textile Association (India) Dinesh Hall, Ashram Road, Ahmedabad. 380 0014	079- 26582123 26584747	26586311	Taiahd1@dataone.in
27	Gujarat Vepari Mahamandal Sahkari Audhyogik Vashahat Ltd. Odhav Road, Ahmedabad.	079- 22901331 22902810		

CHAPTER: 6

PRESENT INDUSTRIAL STRUCTURE:

(1) General Industrial Climate:

Normally MSMEs in the district is lagging behind in the point of view of dimensional and motivational strategy. Lack of ample resurrection measures supported in the various policies and procedures of the state government, non-availability of adequate financial support, lack of market intelligent, lack of globalisation approach, inadequate technological transformation support by the state government etc. All these factors have slowed down industrial growth in the district.

Therefore, ample care and support are necessary to bring about a change in the perception and practices and make then SMSEs successive and improvising the competitiveness for the longer survival through technological transformation ensuring quality and productivity improvisation.

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	522	9353.73	5022
	Bavla	6	171.00	91
	Dascroi	14	189.49	182
	Dholka	1	10.00	3
	Sanand	23	460.00	331
	Viramgam	0	0.00	0
	TOTAL	566	10184.22	5629

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise-Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	2560	21622.70	6187
	Bavla	3	670.00	65
	Dascroi	4	541.00	53
	Dholka	2	229.00	105
	Sanand	25	5788.00	870
	Viramgam	1	35.00	8
	TOTAL	295	28886.70	7288

42.**TALUKA WISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	2	361.00	114
	Bavla	0	0.00	0
	Dascroi	0	0.00	0
	Dholka	0	0.00	0
	Sanand	1	859.20	144
	Viramgam	0	0.00	0
	TOTAL	3	1220.20	258

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2007 TO 31/03/2008)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	1681	30408.13	16980
	Bavla	8	237.00	73
	Dascroi	59	1229.85	760
	Detroj-Rampura	2	23.00	48
	Dhandhuka	1	15.14	11
	Dholka	7	162.00	125
	Mandal	2	89.00	29
	Sanand	70	2243.65	1130
	Viramgam	5	75.00	36
	TOTAL	1835	34482.77	19192

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2007 TO 31/03/2008)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	362	43574.88	11152
	Bavla	10	1133.98	109
	Dascroi	27	3265.50	928
	Detroj-Rampura	1	55.31	36
	Dhandhuka	0	0.00	0
	Dholka	4	1764.00	302
	Mandal	1	164.00	28
	Sanand	78	14960.01	2358
	Viramgam	0	0.00	0
	TOTAL	483	64916.68	14913

43.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2007 TO 31/03/2008)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	14	11430.70	1177
	Bavla	1	870.00	36
	Dascroi	2	1577.00	149
	Detroj-Rampura	0	0.00	0
	Dhandhuka	0	0.00	0
	Dholka	0	0.00	0
	Mandal	0	0.00	0
	Sanand	6	5224.00	878
	Viramgam	0	0.00	0
	TOTAL	23	19110.70	2240

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2008 TO 31/03/2009)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	3183	55866.94	20956
	Bavla	46	567.45	1659
	Dascroi	43	816.55	1010
	Detroj-Rampura	4	57.00	133
	Dhandhuka	2	30.00	368
	Dholka	19	337.50	418
	Sanand	113	3323.26	1745
	Viramgam	4	69.00	58
	TOTAL	3414	61067.70	34347

44.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED****(FROM 01/04/2008 TO 31/03/2009)****Category of Enterprise- Small****Nature of Activity- Manufacturing & Service**

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	443	54332.05	13084
	Bavla	28	4591.93	720
	Dascroi	10	1310.00	220
	Detroj-Rampura	0	0.00	0
	Dhandhuka	2	113.00	28
	Dholka	4	808.00	138
	Sanand	60	9835.88	1610
Viramgam		0	0.00	0
	TOTAL	547	70990.86	15800

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**(FROM 01/04/2008 TO 31/03/2009)****Category of Enterprise- Medium****Nature of Activity- Manufacturing & Medium**

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	11	8697.66	1992
	Bavla	0	0.00	0
	Dascroi	2	2143.00	344
	Detrj-Rampura	0	0.00	0
	Dhandhuka	0	0.00	0
	Dholka	0	0.00	0
	Sanand	2	2438.10	186
	Viramgam		0.00	0
	TOTAL	15	13278.76	2522

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**(FROM 01/04/2009 TO 31/03/2010)****Category of Enterprise- Micro****Nature of Activity- Manufacturing & Service**

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	5711	88503.76	39326
	Bavla	13	234.75	205
	Dascroi	20	320.41	229
	Detroj-Rampura	2	25.50	91
	Dhandhuka	1	24.00	8
	Dholka	12	244.50	128
	Sanand	61	1833.97	752
	Viramgam	2	22.35	10
	TOTAL	5822	91209.24	40749

45.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2009 TO 31/03/2010)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	609	80543.98	17012
	Bavla	7	2190.48	164
	Dascroi	0	0.00	0
	Detroj-Rampura	0	0.00	0
	Dhandhuka	3	312.00	51
	Dholka	3	437.10	30
	Sanand	45	8292.54	1427
	Viramgam	2	731.98	58
	TOTAL	669	92508.08	18742

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2009 TO 31/03/2010)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	28	23396.35	2039
	Bavla	0	0.00	0
	Dascroi	0	0.00	0
	Detroj-Rampura	0	0.00	0
	Dhandhuka	1	872.30	16
	Dholka	1	1080.00	13
	Sanand	4	2433.37	283
	Viramgam	0	0.00	0
	TOTAL	34	27782.02	2351

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2010 TO 31/03/2011)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	8358	126533.05	51535
	Bavla	0	0.00	0
	Dascroi	3	58.94	39
	Detroj-Rampura	1	0.05	3
	Dholka	3	18.75	83
	Mandal	0	0.00	0
	Sanand	9	257.99	90
	TOTAL	8374	126868.77	51750

46.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2010 TO 31/03/2011)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	700	90657.72	15216
	Bavla	2	358.23	35
	Dascroi	4	336.00	34
	Detroj- Rampura	0	0.00	0
	Dholka	2	806.50	62
	Mandal	2	132.00	40
	Sanand	6	1375.74	192
	TOTAL	716	93666.19	15579

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2010 TO 31/03/2011)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	33	26948.63	3681
	Bavla	0	0.00	0
	Dascroi	0	0.00	0
	Detroj-Rampura	0	0.00	0
	Dholka	0	0.00	0
	Mandal	0	0.00	0
	Sanand	0	0.00	0
	TOTAL	33	26948.63	3681

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2011 TO 31/03/2012)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	12291	172328.38	69206
	Bavla	1	61.00	7
	Dascroi	17	555.76	149
	Dholka	4	175.75	26
	Sanand	21	573.50	194
	Viramgam	2	46.00	13
	TOTAL	12336	173740.39	69595

47.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2011 TO 31/03/2012)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	807	98882.71	15161
	Bavla	2	706.71	99
	Dascroi	2	88.00	26
	Dholka	3	627.35	116
	Sanand	14	5021.39	361
	Viramgam	0	0.00	0
	TOTAL	828	105326.16	15763

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2011 TO 31/03/2012)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	27	22694.01	1908
	Bavla	0	0.00	0
	Dascroi	0	0.00	0
	Dholka	0	0.000	0
	Sanand	4	3366.00	755
	Viramgam	0	0.00	0
	TOTAL	31	26060.01	2828

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2012 TO 31/03/2013)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	17018	236938.98	84989
	Bavla	12	205.56	255
	Dascroi	25	444.77	265
	Dhandhuka	1	60.00	7
	Dholka	20	723.00	199
	Mandal	1	0.80	5
	Sanand	21	406.39	274
	Viramgam	2	112.00	18
	TOTAL	17100	238891.50	86012

48.

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2012 TO 31/03/2013)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	757	97744.96	14026
	Bavla	13	2943.93	236
	Dascroi	17	2942.64	297
	Dhandhuka	1	470.00	15
	Dholka	5	1156.00	137
	Mandal	0	0.00	0
	Sanand	28	12377.78	701
	Viramgam	0	0.00	0
	TOTAL	821	117635.31	15412

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2012 TO 31/03/2013)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	20	19628.90	2103
	Bavla	0	0.00	0
	Dascroi	0	0.00	0
	Dhandhuka	0	0.00	0
	Dholka	0	0.00	0
	Mandal	0	0.00	0
	Sanand	2	2250.40	57
	Viramgam	0	0.00	0
	TOTAL	22	21879.30	2160

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2013 TO 31/03/2014)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	13775	168209.24	65879
	Bavla	28	524.83	102
	Dascroi	85	2109.05	543
	Detroj-Rampura	4	22.00	35
	Dhandhuka	1	47.00	8
	Dholka	23	310.09	262
	Mandal	0	0.00	0
	Sanand	67	1435.02	648
	Viramgam	8	86.75	76
	TOTAL	13991	172743.97	67643

49.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2013 TO 31/03/2014)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	861	75934.70	12771
	Bavla	16	4840.91	162
	Dascroi	41	7391.90	773
	Detroj-Rampura	4	649.00	37
	Dhandhuka	2	167.00	77
	Dholka	12	2788.95	275
	Mandal	1	235.00	50
	Sanand	49	10818.49	1037
	Viramgam	5	1775.39	267
	TOTAL	991	104601.34	15548

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2013 TO 31/03/2014)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	30	23185.47	2975
	Bavla	6	5844.81	165
	Dascroi	1	725.00	18
	Detroj-Rampura	0	0.00	0
	Dhandhuka	1	1000.00	3
	Dholka	2	2100.24	190
	Mandal	0	0.00	0
	Sanand	5	7745.96	140
	Viramgam	1	864.47	46
	TOTAL	46	41465.95	3537

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2014 TO 31/03/2015)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	12946	156894.99	60767
	Bavla	27	730.29	260
	Dascroi	97	2153.83	668
	Detroj-Rampura	4	156.60	66
	Dhandhuka	5	153.00	106
	Dholka	28	499.00	171
	Mandal	0	0.00	0
	Sanand	52	1694.76	453
	Viramgam	4	71.85	52
	TOTAL	13163	162354.32	62543

50.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2014 TO 31/03/2015)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	736	71777.42	10553
	Bavla	21	5445.01	737
	Dascroi	22	3070.02	316
	Detroj- Rampura	1	73.21	5
	Dhandhuka	2	237.19	18
	Dholka	7	611.84	165
	Mandal	3	275.00	150
	Sanand	42	9485.88	822
	Viramgam	10	1560.23	165
	TOTAL	844	92535.80	12567

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2014 TO 31/03/2015)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	23	21663.06	1154
	Bavla	6	6892.04	308
	Dascroi	1	600.00	38
	Detroj- Rampura	0	0.00	0
	Dhandhuka	0	0.00	0
	Dholka	1	857.04	22
	Mandal	0	0.00	0
	Sanand	5	5315.81	113
	Viramgam	1	425.00	26
	TOTAL	37	35752.95	1661

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2015 TO 20/13/2015)

Category of Enterprise- Micro

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	9785	116300.53	38821
	Bavla	8	103.20	67
	Dascroi	58	887.45	377
	Dhandhuka	1	15.00	7
	Dholka	45	784.45	242
	Mandal	0	0.00	0
	Sanand	32	677.54	198
	Viramgam	4	55.25	20
	TOTAL	9933	118823.42	39732

51.**TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED**

(FROM 01/04/2015 TO 20/10/2015)

Category of Enterprise- Small

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	512	45918.78	5188
	Bavla	8	1690.70	171
	Dascroi	25	10342.05	351
	Dhandhuka	1	15.00	14
	Dholka	4	1078.64	70
	Mandal	1	50.00	17
	Sanand	36	11417.56	902
	Viramgam	3	1094.74	33
	TOTAL	590	71607.56	6746

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2015 TO 20/10/2015)

Category of Enterprise- Medium

Nature of Activity- Manufacturing & Service

District	Taluka	No. of Units	Investment in P & M Rs. in Lacs	No. of Employee
Ahmedabad	City	10	10335.36	310
	Bavla	2	2375.00	78
	Dascroi	2	1972.30	47
	Dhandhuka	0	0.00	0
	Dholka	1	950.51	7
	Mandal	0	0.00	0
	Sanand	1	700.00	40
	Viramgam	0	0.00	0
	TOTAL	16	16333.17	480

PROGRESS IN REGISTRATION OF MICRO ENTERPRISES IN AHMEDABAD DISTRICT:

Year	No. of Registered units	Investments (Rs.In lacs)	Employment
02/10/06 to 31/03/07	566	10184.22	5629
2007-08	1835	34482.77	19192
2008-09	3414	61067.70	34347
2009-10	5822	91209.24	40749
2010-11	8374	126868.77	51750
2011-12	12336	173740.39	69595
2012-13	17100	238891.50	86012
2013-14	13991	172743.97	67643
2014-15	13163	162354.32	62543
01/04/15 to 20/10/15	9933	118323.42	39732
TOTAL	86534	1189866.30	477192

52.

PROGRESS IN REGISTRATION OF SMALL ENTERPRISES IN AHMEDABAD DISTRICT:

Year	No. of Registered units	Investments (Rs. In Lacs)	Employment
02/10/06 to 31/03/07	295	28886.70	7288
2007-08	483	64916.68	14913
2008-09	547	70990.86	15800
2009-10	669	92508.08	18742
2010-11	716	93666.19	15579
2011-12	828	105326.16	15763
2012-13	821	117635.31	15412
2013-14	991	104601.34	15548
2014-15	844	92535.80	12567
01/04/15 to 20/10/15	590	71607.56	6746
TOTAL	6784	842674.68	138358

PROGRESS IN REGISTRATION OF MEDIUM ENTERPRISES IN AHMEDABAD DISTRICT:

Year	No. of Registered units	Investments (Rs. In lacs)	Employment
02/10/06 to 31/03/07	3	1220.20	258
2007-08	23	19110.70	2240
2008-09	15	13278.76	2522
2009-10	34	27782.02	2351
2010-11	33	26948.63	3681
2011-12	31	26060.01	2828
2012-13	22	21879.30	2160
2013-14	46	41465.95	3537
2014-15	37	35752.95	1661
01/04/15 to 20/10/15	16	16333.17	480
TOTAL	260	229831.69	21718

(2) Large/Medium Scale Industries:

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.

53.

Particulars of some of the Central Public Sector Enterprises, Medium & Large Scale industries are as under:

Sr. No.	Name of Enterprise	Address
1	Ate Manufacturing Company Ltd	Survey No. 320 Odhav, Ahmedabad 382415
2	Aarvee Denims And Exports Lid.	188/2, Ranipur Village, O/P CNI Church Narol, Ahmedabad-382405
3	Acme Cotsyn Pvt. Ltd.	Arcee Netting Premises, Nr. New Cotton Mill No.2, Amraiwadi Road, Ahmedabad
4	Adgums Pvt Ltd.	Mahalaxmi Compound, Dudheshwar Road Ahmedabad-380 004
5	Aditya Electro Communications Ltd.	6,Pahelgaon Bunglows, Nr. Satyagrah Chhavni, Ahmedabad-380 054
6	Ahmedabad Packaging Industries Ltd.	326, Phase-I, GIDC, Vatva, Ahmedabad-382445
7	Ahmedabad Steel Craft Ltd.	Ellis Bridge, Ahmedabad: 380006
8	Aia Engineering Pvt Ltd.	115 GVMM Estate, Odhav Road, Ahmedabad 382410
9	Akar Laminators Limited	1st Floor, Trade Centre, Navrangpura Ahmedabad 380 009
10	Alfaica (India) Limited	Uma Industrial Estate, Sanand-Viramgam Highway, Sanand
11	Alpha Nippon Innovatives Limited	13,4th Floor Mardia Plaza, Panchwati, C.G. Road, Ahmedabad 380006
12	Alps Chemicals Pvt. Ltd.	Plot No.612 Ph-Iv, Gidc Estate Vatva Ahmedabad
13	Amar Polyesters Limited	258 New Cloth Market, Ahmedabad 380002
14	Ambica Granite Pvt. Ltd.	13a, Ajanta Comm. Centre, Nr. Income Tax, Ashram Road, Ahmedabad-380013
15	Ambica Re-Rolling Mills	Near G. D. igh School, Naroda Road, Saijpur Bogha, Ahmedabad 382345
16	Amitara Exports Ltd.	Suryarath, 1 Floor, Panchwati, Ahmedabad 380006
17	Amtex India Ltd.	188/2 Ranipur Patia, City, Ahmedabad 382405
18	Anar Chemical Industries	Unit of Anar Chemicals Pvt. Ltd., "Sanskrut" B/H Old High Court
19	Anil Bio Chem Limited	Anil Road,, Ahmedabad 380025,
20	Anil Dye Chem Industries Pvt. Ltd.	GIDC Phase Ii, Vatva Ind. Estate, Ahmedabad 382445
21	Anil Products Limited	Anil Road, Ahmedabad, Gujarat 380025.
22	Ankuj Chemicals Ltd.	31 Purnima Apartment, B/H Puranand Ashram Navrangpura, Ahmedabad
23	Anupam Silk Tex Pvt. Ltd.	79 New Cloth Market, Outside Raipur Gate, Ahmedabad 380002
24	Arat Electro Chemical Pvt Ltd	Opp.L B Shastri Stadium, Near Panna Estate, Bapunagar, Ahmedabad 380023
25	Arm Polymers Limited	477 Phase 2 GIDC, Vatva, Dascroi Ahmedabad 382445

54.

Sr. No.	Name of Enterprise	Address
26	Arvee Denims And Exports Ltd.	188/2, Ranipur Village, Opp CNI Church Narol, Ahmedabad
27	Arvind Polycot Limited	Division Of Ankur Textiles, Outside Raipur Gate, Ahmedabad-380 022
28	Asarva Mills Limited	Asarwa Mills, Asarwa Road, Ahmedabad-380 016
29	Ascent Yarns Pvt. Ltd.	Plot No. 14,15,16, Moraiya Indl Estate, Sanand,
30	Ashima Denims (A Div.Of Ashima Syntex L)	Ashima House, Nr. P. K. House, B/H M. J. Library, Ellis Bridge, Ahmedabad
31	Ashima Dyecot Pvt Ltd	Texcellence Complex, Khokhara Mahmedabad, Ahmedabad-380007
32	Ashima Syntex Limited	310 Ashima House, Kanaiyalal Marg Ellis Bridge, Ahmedabad
33	Asiatic Colourchem Ind Ltd.	Plot No.1503,4 GIDC Phase-1, Naroda, Ahmedabad
34	Asiatic Industries	Plot No.1505, GIDC Phase I, Naroda, Ahmedabad
35	Associated Pulp Papaer Mills Ltd.	Bavla, Tal:Dholka, Ahmedabad-382 , 20
36	Ate Industries Pvt. Limited	43, V.B. Gandhi Marg, Fort, Mumbai 400023, Maharashtra.
37	Atmaram Maneklal Ind. Ltd.	Shanti Chamber, O/p Dinesh Hall, Navrangpura
38	Banian & Berry Bearings Pvt. Ltd.	1005-Samudra Annexe, Office C. G. Road, Ahmedabad-380009
39	Batten Field India Ltd	4th Floor,Kamdhenu, Opposite "Sales India" Off Ashram Road
40	Bengal Tea & Fabrics Ltd.	Asarwa Mills Premises, Asarwa Road, Ahmedabad - 380 016
41	Bhagwati Spherocast Limited	132/1 G.I.D.C. Estate, Odhav 382 415 Ahmadabad
42	Bonus Plastics Pvt. Ltd.	G-6 Diamond Square, Nr. Navjivan Press Ahmedabad 380014
43	Bosch Rexroth (India) Ltd	Near Vatva Railway, Crossing, Vatva Ahmedabad-382445
44	Br Laboratories Pvt Ltd	Bhadraraj Chambers, Nr. Swastik char Rasta Navrangpura, Ahmedabad
45	Cadila Healthcare (P) Ltd.	201-2-3 Saffron Ambawadi, Ahmedabad 380008 Gujarat
46	Cadila Healthcare Limited	Village Moraiya, Taluka Sanand, Ahmedabad
47	Cadila Healthcare Limited.	Village Moraiya, Taluka Sanand Ahmedabad-382213
48	Cadila Laboratories Limited	244-Ghodasar, Ahmedabad-380050
49	Cadila Pharmaceuticals Ltd	1 Rm House Off C.G Road, Navrangpura Ahmedabad-380 009
50	Cadmach Machinery Company Pvt.Limited	244 Ghodasar Maninagar, P.Box No.9007 Ahmedabad-380008

55.

Sr. No.	Name of Enterprise	Address
51	Carnation Nutra Analogue Foods Ltd.	A 204 Samudra Sardar, Patel Nagar, C G Road Ahmedabad 380006
52	Century Coats Ltd.	535 Tajpur Road, Changodar, Sanand Ahmedabad 382210
53	Chiripal Petrochemicals Ltd	Chiripal House, Opp.Arjun Towers, Satellite Road
54	Claris Life Sciences Ltd	A Group Of Professionals, 6th Floor, Sangeeta Nr.Parimal Crossing,
55	Cmc Machinery	Sarkhej-Bavla Highway, Changodar, Sanand Ahmedabad
56	Coates Of India Ltd	Transport Depot Road, Kolkata-700 088 West Bengal
57	Concord Biotech Ltd	1482-86, Trasad Road, Dholka, Ahmedabad-387810
58	Concord Pharmaceuticals Ltd.	Dholka, Ahmedabad: 387810
59	Core Parenteral Limited	4th Floor, Narayan Chambers, Ashram Road Ahmedabad-380 009
60	Crescent Colorcoat Systems Ltd.	1-2 Kailash Indl. Estate, Iyawa, Sanand Ahmedabad
61	Deek Printers	17/12/2 Cambridge Road, Kesavraj Layout Ulsoor, Bangalore
62	Denish - Knit Industries Ltd.	Ratanpole, Hathikhana, Ahmedabad 380001
63	Devar Sons Pvt Ltd	441 Gidc Ind Estate, Odhav, Ahmedabad-382415
64	Devesh Met Cast Limited	622/13 & 13/A GIDC Odhav, O/p Odhav Police Station, Dasroi
65	Dharnendra Laboratories India Limited	Aayambil Bhavan, Mangal Parekh's Street Shahpur
66	Dilipkumar V.Lakhi.	102, Prasad Chambers, Opera House, Mumbai-400004
67	Dintex Dychem Limited	S P House 14, Vidyavihar Colony, Usshmanpura
68	Disha Agro Industries Ltd.	103-104shree Kashi Parekh, Complex, B/h, Bhagwati Chamber, CG Road, Ahmedabad
69	Dishman Pharmaceuticals & Chemicals Ltd	Bhadra Raj Chambers, Nr Swastik Char Rasta Navrangpura, Ahmedabad
70	Dolphin Laboratories Ltd.	Kailash Industrial Estate, Vill. Iyawa, Sanand Ahmedabad
71	Eastern Fibre Industries	602, Aniket Navrangpura, Ahmedabad-380009
72	Eastern Fibre Industries Ltd	602, Aniket, C.G. Road, Navrangpura, Ahmedabad-380009
73	Eclat Chemicals Ltd.	4 Anand, Ii Floor, C.G. Road, Navrangpura Ahmedabad 380009
74	Erhardt + Leimer (India) Ltd.	Survey No.320, Odhav Road, Ahmedabad -382415
75	Ess Bee Fabrics Pvt. Ltd	Hathikhana, Ratan Pole, Ahmedabad-1

56.

Sr. No.	Name of Enterprise	Address
76	Eureka Industries Limited	Sanskar Polytechnic, Ambawadi, Ahmedabad
77	Ferro Matik Milacron India Limited	C/O Cincinnati Milacron Pvt Ltd., 92, Phase-I, Gidc Vatwa, Ahmedabad-382 445
78	Five Star Pharmaceuticals	A Div Of Saket Projects, Ltd. 318 Phase Ii Gidc Vatva, Ahmedabad 382445
79	Forge & Blower Industries Ltd	Plot No.233, Sarkhej, Bavla Highway Changodar, Ahmedabad
80	Gajjar Scanna Colour Pvt. Ltd.	394/60/1 Gosaiji's Vando, Nr. Madhuram Cinema, Gheekanta, Ahmadabad
81	Gopal Iron And Steels Co. (Gujarat) Ltd.	B-32 Mangement Enclave, Near Nehru Vastrapur, Ahmedabad
82	Gopi Synthetics Ltd	212, New Cloth Market, Ahmedabad-380002
83	Gtcl Mobile Com Technology Ltd.	508 Hare krishna Complex, Pritamnagar, Ellisbridge, Ahmedabad
84	Gujarat Cypromet Limited	4 Amar Society Vijay Char, Rasta Navrangpura Ahmedabad 380009
85	Gujarat Fuel Bonanza Limited	1576 Dhanasuthar's Pole, Opp: Ladies Apasara Relief Road, Kalupur
86	Gujarat Gas Company Ltd.	(LPG Division), 9th Floor Avdhesh House Opp. Gurudwara, S G Highway, Ahmedabad
87	Gujarat Narmada Valley Fertilizers Company Ltd.	Po Narmada Nagar, Bharuch-392015
88	Gujarat Optical Communication Limited	Village Iyava, Sanand, Ahmeabad, Gujarat
89	Gujarat Raj Plast Pvt. Ltd.	119,Mahalaxmi Ind.Estate, Village Iyava Viramgam Highway Road
90	Gujarat Scan Pvt. Ltd.	37/3 Ground Floor, Spectrum Commercial Center No.1,Salapose Road
91	Gujarat Steel Tubes Limited	Sabarmati Jail Road, Sabarmati, Ahmedabad
92	Gujarat Techno Castings Pvt.Ltd	Saijpur Bogha, Ahmedabad-382345
93	Gujarat Telephone Cables Limited	P O Chharodi Farm, Sanand, Ahmedabad Gujarat 382170
94	H.K. Agrochem Limited	201 Aniket C.G. Road, Navrangpura, Ahmedabad Gujarat 380009
95	H.K. Finechem Ltd	201, Aniket, C.G. Road, Navrangpura, Ahmedabad: 380 009
96	Hak Pharma Machineries (Gujarat)Limited	2301/A Phase-Iv, Gidc Estate, Vatwa Ahmedabad - 382 445
97	Harsha Engineers Pvt. Ltd.	388 Village Changodar, Sarkhej Bavla Road Sanand
98	Hi Scan Limited	Sudarshan Nr. Mithakhali, Under bridge Navrangpura, Ahmedabad 380009
99	Hindustan Cotex Ltd	7a Amruit Baug Colony, Opp Sardar Patel Stadium,Nr Gitco, Ahmedabad 380 014
100	Hindustan Petroleum Corporation Ltd	Ahmedabad Regional Office, Behind Memnagar Fire Stn., Navrangpura, Ahmedabad

BACKGROUND NOTE**UDYOG AADHAAR EASE OF REGISTRATION****Introduction**

Micro, Small & Medium Enterprises (MSME) sector has emerged as a highly vibrant and dynamic sector of the Indian economy over the last five decades. MSMEs not only play crucial role in providing large employment opportunities at comparatively lower capital cost than large industries but also help industrialization of rural & backwards areas, thereby reducing regional imbalances, assuming more equitable distribution of National income and wealth. MSMEs are complementary to large industries, ancillary units and this sector contributes enormously to the socio economic development of the country.

The Micro, Small & Medium Enterprises Development (MSMED) Act was notified in 2006 to address Policy issues affecting MSMEs as well as the coverage and investment ceiling of the sector. The Act seeks to facilitate the development of these enterprises and enhance their competitiveness which comprises of both manufacturing and service entities. It defines Medium enterprises for the first time and seeks to integrate the three tiers of these enterprise, namely Micro, Small & Medium Enterprises

The primary responsibility of promotion and development of MSMEs is of the State Governments. However, the Government of India, supplements the efforts of State Governments through various initiatives. The role of the M/o MSMEs and its organisations is also to assist the States in their efforts to encourage entrepreneurship, employment and livelihood opportunities and enhance the competitiveness of MSMEs in the changed economic scenario.

UDYOG AADHAAR

The proposed one page registration form would constitute self-declaration format under which MSME will self-certify its existence, bank account details, promoter/owner's Aadhaar details and other minimum basic information required. Based on the same, the MSME can then be issued online, at a minimum, a unique identifier or Udyog Aadhaar, a Permanent Account Number (PAN) and Tax Assessment Number (TIN) and Employees Provident Fund Organisation (EPFO) registration and Employees State Insurance Corporation (ESIC) registration, if applicable. The same should be issued online on a time bound basis. For certain aspects like labour, where self-declaration may not be the best approach for all firms, it can be permitted on the number of employee in the firm.

The Ministry of MSME can coordinate the simplification of registration linkages to other departments/ministries. The proposed National MSME Portal can then require only a simple one page registration form for MSMEs with a simplified information and documents. With the growing penetration of mobile phones in the country and the incremental usage of data services on mobile devices, this portal should also be easily accessible through mobile plate forms. The Committee envisages that such an approach can achieve 95 % registration in a time period of six months.

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Among other things the committee looked into the registration process and advocated to universalization of registration so that MSME sector as a whole can be planned for growth interventions with real time data and need based facilitation.

Action Plan:

The Ministry was represented in the Committee and is in broad agreement of the spirit of recommendation to encourage entrepreneurs to register and take advantage of various fiscal and non-fiscal incentives offered by Central and State Government. Ease of doing business and promotion formalization of MSME sector can be achieved if the current process of filing EM I and EM II are significantly revised and are technology enabled.

The current EM I format on the proposed units consist of 5 pages and 18 types of information and over 6 attachments. The prescribed acknowledgement to be issued by DIC is further 4 page form which is valid for 2 years. The current EM II format after start of production consist of 6 pages with 21 types of information and over 6 attachments. The prescribed acknowledgement to be issued by DIC qafter filing the codes and allotting EM number is further 1 page format which is to be issued in five days after receipt by post or same day if delivered personally or online.

UDYOG AADHAAR:

Udyog Aadhaar has been accordingly designed to capture details of enterprises in an easy and convenient manner.

Udyog Aadhaar registration will enable the unit/enterprise to seek information and apply online about various services being offered by various Ministries and Departments.

Earlier only medium enterprises were insisted to file EM II as it was very cumbersome to file, the simplified Udyog Aadhaar will enable all the enterprises to file and register themselves so that simply by Udyog Aadhaar Unique Identity Code by which they can access the other services.

Industry Association and other Business Member Organisations (BMO) can take a lead role and help the existing enterprises to register and join the formal economy.

NSIC, KVIC, Coir Board and other State level agencies dealing with MSMEs can assist entrepreneurs in registering and linking scheme benefits.

Rating agencies empaneled for Performance and Credit Rating Schemes and NMCP etc. can also promote and encourage enterprises to get Udyog Aadhaar registration.

Banks and NBFC can also promote and encourage enterprises to get Udyog Aadhaar registration

Universalisation of Registration:

The Ministry request all the concerned to promote universalization of registration so that a data-driven policy support can be designed and implemented in consultation with all the stakeholders.

NIC has been asked to suitably modify the National policy for filing of Udyog Aadhaar registration and even enable online schemes of State and Center o be accessed with this unique number and integrate with eBiz system.

REVIEW:

Honourable Minister MSME has a detailed discussion on this and other issues on June 2015 and desired that we may take quick steps in adopting Udyog Aadhaar initiatives proposed by Kamath Committee and take all the necessary measures to enable about 10 million units to be bought to the formal economy.

Total 36,399 enterprises have been filed and registered as MSMEs as on 27.05.2016 in all the taluka of Surat district.

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु और मध्यम उद्यम)
सूक्ष्म लघु और मध्यम उद्यम मंत्रालय
(भारत सरकार)
निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA
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New Delhi - 110 108

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No. 5(2)/3/2015-MSME Pol.

Date 15 October, 2015

Subject: Consideration of units having permanent SSI registration / Certificate for eligibility under various schemes- Clarification regarding.

It has come to the notice of this office that various SSI units having permanent SSI registration certificates prior to implementation of the Micro, Small & Medium Enterprises Development (MSMED) Act, 2006 are required to file EM-II in order to avail the benefits under various schemes implemented by the Ministry of Micro, Small & Medium Enterprises and other Government Schemes.

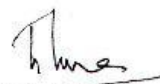
2. Subsection 1(a) & (b) of Section 8 of the Micro, Small and Medium Enterprises (MSMED Act), 2006 provide for a micro or small enterprise at his discretion and a medium enterprise engaged in providing or rendering of services, at his discretion, to file the Memorandum (EM) and, therefore, filing of EM is optional for these enterprises. Further, as per Section 8 (1) (c) of the MSMED Act, 2006, the filing of Entrepreneur's Memorandum is compulsory for enterprise engaged in medium manufacturing sector. This office had in the past, issued a clarification on de-registration of existing units vide letter no. 5(2)/2006-MSME Pol. dated 04.04.2007.

3. Subsequently, filing of Udyog Aadhaar Memorandum has come into force with immediate effect by the Notification no. S.O. 2576(E) dated 18.09.2015 in place of earlier EM-I & II. In view of the above, the matter has now again been examined by the competent authority and it is now clarified that units having either permanent SSI registration certificates prior to implementation of the MSMED Act, 2006 or EM-II Memorandum or Udyog Aadhaar Memorandum would also be eligible for availing of assistance under various schemes implemented by the Government. Udyog Aadhaar Memorandum is a simplified form to be filled on self declaration basis without any supporting documents and fee. It shall be filed online at

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<http://udyogaadhaar.gov.in> in the Udyog Aadhaar portal maintained by the Ministry of Micro, Small & Medium Enterprises, Government of India.

4. This supersedes all earlier clarifications issued in this regard.
5. This issues with the approval of Additional Secretary & Development Commissioner (MSME).



(K. Sensarma)
Additional Development Commissioner (MSME Policy)
Email: sensarma.kuntal@gov.in
Telephone No.011-23061611

To

1. Joint Secretary (ARI) (Shri B.H. Anil Kumar)/Jt. Director (SME), (Dr. P.G. S Rao) MoMSME, Udyog Bhawan, New Delhi: with the request to kindly disseminate the information among all concerned.
2. ADC (MPS)/DDG (GS)/All JDCs/Director (EA)/AIA/All Directors, O/o DCMSME, New Delhi.

Copy for information to:

1. Commissioner/Directors of Industries, All States/UTs
2. Directors, MSME DIs/Br. DIs, All States/UTs
3. CMD NSIC, New Delhi
4. PPS to Secretary (MSME), Udyog Bhawan, New Delhi
5. PS to AS & DC (MSME), Nirman Bhawan, New Delhi
6. Director (SENET), O/o DCMSME: with the request to place the above clarification in the official website www.dcmsme.gov.in.

3.4 Vendorisation/Ancillarisation of the Industry:

Looking into the requirements of Medium/Large scale industries, Central PSUs like BEL, BHEL, TELCO, NHPC, NTPC, BSNL, Nuclear Power Corporation of India, GAIL and Central Government Ministries and Defense Wings' requirements, Vendorisation/Ancillarisation can be considered for B2B Meet through Vendor Development Programme for MSMEs in the district. This Programme provide Platform to the business and selling organization an opportunity to inter-act with each other to identify the emerging needs of the buyers, which simultaneously provide opportunity to display the capabilities of the MSMEs. Vis-a-versa CPSUs, Defense Wing and other Government Departments provide the guidance about their requirement from MSMEs and the tender procedures to the various entrepreneurs during the programme are provided to the participating MSMEs.

(3) Large/Medium Scale Industries:

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.

Handicrafts and Handlooms:

HANDICRAFTS:

Government of Gujarat has established Handicrafts Development Corporation with a view to survive the endangered rural customary art of handicrafts. Handicraft Cooperative Societies are established at rural level, which supplies raw materials to the artisans to produce the goods at economic rate and saving the waste of time. The finished goods produced by these artisans are purchased by the Corporation itself. Kalin, dari and brass work are the main products in the handicrafts.

Government of Gujarat is fragile in providing financial assistance to such Industrial Cooperative Societies working in handicrafts after agriculture sector for creating self employment at the rural poor artisans. And, thus helps in improvising their living standards. Mostly, scheduled castes and scheduled tribe people is working in this sector. There are nearly 75 handicrafts societies in the district. Handicrafts Corporation also provides training to the handicrafts for quality upgradation and skill improvement. Handicrafts Corporation organizes handicrafts fair in various fair in different district of Gujarat State.

HANDLOOMS:

People of Gujarat State earn their livelihood form handlooms artisans after agriculture. Handloom is most preferable artisans at the rural sector from the historical period. Scheduled caste and scheduled tribe people is also mostly engaged in this artisan. Government has enhanced fragile finance policy through Cooperative Societies for lending financial assistance to such artisans at the rural sector. Share holding, loan against share capital, management assistance, rebate in sale, interest subsidy, advertisement for sale etc. are the factors included in the policy benefits to be extended to such Co-operative Societies.

Handloom Development Corporation developed by the Government of Gujarat with its Head Office at Gandhinagar is operating as Indext-C. There are nearly 70 Weavers cooperative Societies impart training to the artisans along with various developmental plans. And, thus helps the trainee for getting employment at their door step by providing them handloom shafts at their homes. Handloom Corporation organizes trade fair in various parts of the State as well as India and abroad.

Problems of the SMEs sector:

- (1) The utmost Problem is very low awareness in MSMEs about government schemes and subsidies because of lack in corporate governance or due to communication system of the government itself. There are lots of incentive schemes and packages especially designed for MSMEs but most of the entrepreneurs remain unaware of it.
- (2) Global recession of 2008 had slowed down the overall growth of the MSMEs. Due to failure of banking and insurance company globally, the global credit squeeze had reasonably affected the export textile and jewellery goods, which created temporary shutdown of production in the sector.
- (3) Lack of skilled human resources has also affected the sector at noticeable level. Technology intervention is still very low in the sector. Artisans and weavers still have been remained unaware of latest designs and current market trends. They continued to manufacture products with old designs which fail to generate consistent demand in the consumer markets. There is still huge gap among the household unit owners/weavers/artisans and the designers/engineers. There is immense need to encourage engineers and fashion designers to work out with these small units' owners, weavers, designers which would be mutually beneficial and help revive the sector and make it globally more competitive. Information dissemination about availability of recent technologies, literature on modern machinery, contact details of suppliers of raw materials, buyers etc. are very essential factors for the MSMEs,
- (4) Another major problem related to payment durations normally faced by the MSME entrepreneurs. Mostly they are causing delay in payments and bad debts, which causes trouble in the working capital ratio. Low credit period provided by the suppliers and on other side late payment made by the customers also creates imbalance in the working capital.
- (5) One of the major concerns is low credit availability to the MSMEs. Though, credit to MSMEs fall under the category of priority sector lending, but with the expansion of the priority sector lending to accommodate fast growing areas such as home loans, education loans; the percentage share of credit to MSMEs have been fallen down. There is strong need to increase the target of commercial bank lending to MSMEs from 20 % year on year growth to 30% which will enhance the credit facilities to MSMEs.

CHAPTER: 7

PROSPECTS OF INDUSTRIAL DEVELOPMENT:

There is ample scope of further industrial growth looking at these two factors as explained below:

A. Resource Based Industries.

B. Demand Based Industries.

A. Resource Based Industries.

Kheda district offers good scope for entrepreneurs to establish new industrial units for manufacturing various products. The industries have been suggested on resources available in the area. Agro based and livestock based as well as Mineral based industries have good scope of development. In addition, many market oriented items can also be taken up in the district.

Taking into consideration the available infrastructure facilities and resources in the district and medium & large scale units operating since the last couple of years and huge investment in the projects under the implementation, following industries are considered to have ample potential. Information on potentiality of resource based industries are as follows.

Before setting up the industry based on the ancillary requirements of medium and large scale industries, the prospective entrepreneur must have to ensure that the concerned parent unit will be willing to purchase consistently their requirements from him taking into consideration the quality and specification.

Above mentioned all types of small scale enterprises are very much helpful to the large and medium scale units in the district. Hence, considering the demand of the large and medium scale industries there is wide scope of further development of setting up of small scale industries by new entrepreneurs in the district and ultimately, they will achieve good market for their products in the small scale sector.

Service Enterprises:

Government of Gujarat has implemented Industrial Policy 2009 in collaboration with District Industries situated in all the district of the State. DIC at Anand 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.

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 Activities described as given below:

Sl. No.	Description as NIC 2008	5 Digit Code
1	Custom Tailoring	14105
2	Washing & Dry-cleaning of clothes	96010
3	Hair dressing & other beauty treatment	96020

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

Sl. No.	Description as NIC 2008	5 Digit Code
1	Repair of bicycles	95291
2	Plumbing & drainage	43221
3	Repair of electrical equipments	33140
4	Repair of TV, VCR, Refrigerator etc.	52603
5	Printing of magazines and other periodicals, books & brochures, posters etc.	18113
6	Retreading of tyres, replacing of tread & used pneumatic tyres	25114
7	Maintenance & repair of motor cycle, scooters and three wheelers	50404
8	Repair & maintenance of agriculture & forestry machinery	29218

C) Other Services:

Sl. No.	Description as NIC 2008	5 Digit Code
1	Hair dressing & other beauty treatment	96020
2	Renting of tents, electrical appliances, furniture, tableware, crockery & utensils.	77291
3	Interior & exterior painting, glazing, plastering, decorating, floor sending and other similar building finishing works	43303
4	Activities Event catering	56210

STEPS TO SET UP A MICRO, SMALL OR MEDIUM ENTERPRISE:

The important aspects are as given below:

- (1) Selection of proper Project**
- (2) Selection of appropriate Technology & Machinery**
- (3) Feasible Planning for getting finance**
- (4) Conceptualization of Basic Infrastructure: erecting of factory building, arrangement of necessary connection such as Power, Sewerage and Communication etc., Labour and Personnel, Procurement of Raw Material.**
- (5) Filling of Enterprise Memorandum Part II with respective District Industries Center of the district.**
- (6) Sanction of Approvals such Regulatory, taxation, Environmental clearance in certain products etc.**
- (7) Registration of Quality Certification**

General Information:

Micro, Small & Medium enterprises are classified in terms of investment in Plant & Machinery under MSME Act 2006. Further, the MSME sector is mainly divided into two major segments namely: Manufacturing and Service Sector.

Terminology of MSME Manufacturing Enterprises as per investment in Plant & Machinery is as under:

Micro Enterprise: Investment up to **Rs. 25 Lacs.**

Small Enterprise: Investment more than **Rs. 25 Lacs & up to Rs. 5 Crores.**

Medium Enterprise: Investment more than **Rs. 5 Crores & up to Rs. 10 Crores.**

Terminology of MSME Service Enterprises as per investment in Plant & Machinery is as under:

Micro Enterprise: Investment up to **Rs. 10 Lacs.**

Small Enterprise: Investment more than **Rs. 10 Lacs & up to Rs. 2 Crores.**

Medium Enterprise: Investment more than **Rs. 2 Crores & up to Rs. 5 Crores.**

(1) Selection of proper Project:

Idea emerging out from the bottom of the heart coupled with risk taking ability, self inspiration, liking and adventurous nature can tremendously help to become an entrepreneur.

Idea concrete determination involves viability of business, knowledge of clientele need, market research, prosperity of growth and long term sustainability to run the industry for long period, conceptualization of project.

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Further to complete the process, one needs to have basic knowledge about vivid aspects such as

Product: Nature, Characteristic, size and usefulness of the ultimate consumers.

Process: Use of Technology involved for the production of the Item.

Location: Location with complete infrastructure facilities is most important part as it gives the viability, logistics for input and marketing of finished products at economy rate which ultimately may result into higher production, minimization of waste, decrease in ex-factory value, increase in productivity and profit.

Finalisation of Product:

Product Line: width, depth and characteristics

Packaging: Dazzling and user friendly

Branding: Eye cache and booster advertisement

Warranties: Extending Warranties to the consumers to win their satisfaction and feasibility of consistent consumption of the product offered to them.

After Sale Service: Proper cell for extending after sales service to the ultimate consumers to win their trust.

(2) Selection of appropriate Technology & Machinery

Need arise under this Head is as follow:

Search for suitable Project Profiles

Search for proper Product Code

Search ofr Industry Clusters

Search for getting information of existing Manufacturers

(A) Selection of Process:

As the product is finalized, the choice for selecting proper technology arises. Sometimes for complex nature of product, process of know how becomes necessary to import it. So, one should make agreements of technology transfer as a safe guarding means of interest. One can also contact CSIR (Centre for Scientific & Industrial Research) and DRL (Defense Research Labs) for bringing into the indigenous technology, which can give intrinsic benefits of economy and proper choice of technology.

Aspects to be considered are:

- Whether process involves highly skilled labour or complex machinery is required?
- Whether large quantity of water and power is required or not?
- Whether the Patent of Product is required or not using the selected process technology?
- Requirement of any Certificate of Pollution control or maintaining the environmental regulations.
- Whether the Machinery and Equipments are capable for inculcating consistent production in Indian environment.
-

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One of the Major constraints in the Indian MSMEs is usage of outdated technology and Management Methods which results in inefficiency, low productivity and decrease in profitability of an enterprise. Lack of finance at low or affordable interest rate is also one of the major causes for not adopting modern Machinery, Equipments and Technology of production.

Agreement with NSIC for Hire Purchase of Machinery:

If an entrepreneur is capable of purchasing Machinery from own capital, he may contact NSIC for hire purchase of machinery. One should apply to NSIC, Head Office through the DIC of the respective district.

Acceptance Committee comprising of the Representatives of Chief Controller of Imports, Development Commissioner MSME and other concerned departments verifies all the applications for hire purchase of indigenous or imported machinery.

As soon as these formalities are completed by the hirer, instructions are sent to the suppliers to dispatch the consignment and sent the R\Rs or C\R as the case may; to the Regional Office.

After ensuring all dues have been paid by the hirer, releases the R\R of C\R to for receiving delivery of the machinery.

In case of imported machines, the procedure is slightly different in as much as the shipping documents are sent to the clearing agents for clearing the consignment from the Customs and dispatching it to the hirer.

Value of machines that can be supplied

Rs. 7.5 Lacs, F.O.R. or landed cost as the case may be.

Earnest Money:

5% or 10% of the value of machinery, depending on whether the equipment is imported or indigenous. In the case of furnaces and a few other items of equipment, the rate of earnest money is different. Interest 9 per cent per annum with a rebate of 2 per cent on prompt payment. This interest is calculated on the value of machines outstanding after deducting payment of earnest money.

Administrative Charge:

2 per cent on the sales value of machines and its recovery by the NSIC is spread over the total installment period.

Period of Repayment:

The value of the machines, after deducting the earnest money received, called the Balance Value, is payable alongwith interest and administrative charge in 7 years.

The first installment is payable after one year and six months from the delivery of machines

The second and subsequent installment are payable half-yearly thereafter.

Gestation Period

In case of certain type of machines which become operative immediately on installation in the service sector industries and job order establishment, a gestation period of only 6 months shall be allowed both to the new and existing units.

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A rebate of 2% per annum is allowed on the interest rates, in case an installment is paid on or before the due date.

In case the payment of installment is not made within one month of the specified due date, interest @ 2% per annum over and above the normal rate is charged on the defaulted amount from the date of default to the date of actual payment. Remission in interests is allowed in case one or more than one installment is paid in advance of the due date(s).

Now the Place and Right Partner has to be selected and Project Report has to be prepared.

(3) Feasible Planning for getting finance:

No MSME Enterprise can run without financial support.

The requirements can be classified as given below:

- Long & Medium Term Financial requirements
- Short Term or Working Capital Requirements
- Risk Coverage Capital
- Seed Capital\Margin Money Requirements
- Bridging of Loan
- Financial Institutions are working in each district of the State as mentioned below:

All Nationalised, Private Commercial Banks, Regional Rural Banks and or Co-operative Banks.

- Small Industries Development Bank of India (SIDBI) (For refinance and direct lending)
- Gujarat State Finance Corporation (GSFC)

SIDBI, GSFC and other State Industrial Development Corporations extend financial support for Long and Medium term loan, for the purposes such as Purchase of Land, Construction of building or shed, and purchase of machinery and equipments.

The Short Term Loans are extended by the Commercial banks for Working capital requirements, finance required for the purchase of raw material, payment of wages and to meet the operating expenses. The commercial banks also sanction composite loan comprising of working capital and term loan up to a loan limit of Rs.1 crore.

Requirement to be fulfilled for getting the loan from the Commercial Banks or Financial Institutions are as under:

- Properly filled up application
- Proper documentation
- Attach copy of 3 consecutive three years' Profit and P & L A/c
- Income Tax Assessment Certificates of Partners/Directors
- Proof of Possession of Land/Building
- Architect's estimate for construction cost
- Partnership deed/Memorandum and Articles of Associations of Company
- Project Report
- Budgetary Quotations of Plant and Machinery
-

After assessment of application, bank issued a letter of sanction or rejection to the applicant. Then, applicant has to submit a letter of accepting the sanction by accepting the terms & conditions laid down by the Bank or Financial Institution.

Subsequently, loan is disbursed according to the phased implementation of the project. Some entrepreneurs choose the other option available in the modern era is of venture capital funds and non-government finance companies.

Conceptualization of Basic Infrastructure:

CONSTRUCTION OF BUILDING

Selection of negotiable plot of land is the significant task for the entrepreneur, it follows by proper construction of factory building, proper designing of factory lay out, interior and setting up of Plant & machinery.

Getting the Utility Connections:

As soon as, the process of construction of factory building starts, entrepreneurs must have follow for the sanction of water, sanitation and appropriate power connection either LT (Low Tension) or HT (High-tension) type diligently. If connected load is up to 75 HP, LT connection is provided. For connected loads of 130 HP or higher only HT connection is provided.

A formal application needs to be made in a specified form to the state electricity board. An electrical inspector is deputed for evaluation of application to factory site, after which the load is sanctioned. In areas of power shortage, it is advisable to augment the power supply with a captive generating set.

GETTING 3M'S RIGHT:

MEN:

Projections for manpower and staffing are made in the project report. However it is necessary to time the induction of manpower in a planned manner. The engineers and operatives must be available before the installation of the machinery

MACHINERY:

Choosing and ordering of right machinery is also of paramount importance. In many cases technology or process provides us with specifications which is not provided, then an extensive techno-economic survey of machinery and equipment available must be carried out. International trade fairs and engineering fairs are good places to look at available options. The entrepreneur must also consult experts, dealers / suppliers as well as users, prior to making a selection of equipment and machinery. The advice of DIC, MSMEI and NSIC can also be sought.

MATERIALS:

Materials procurement and planning are critical to success, of a start-up with a MSME unit. Inventory management can lead to manageable cash flow situations; otherwise if too much is ordered too soon considerable amount of working capital gets locked up. On the other hand, non-availability may result in production hold-ups, and idle machine and manpower. For essential imported raw material whose lead-time is large proper planning is all the more essential.

APPROVALS:

Each Micro, Small or Medium unit has to comply with various regulations in force. These include regulatory, taxation, environmental and certain product specific clearances. This section looks into the methodology of obtaining these approvals and clearances.

Exemption from Compulsory Licence:

Licensing in the Industries sector is governed by the licensing exemption notification issued by Govt. of India in July 25 1991 under the Industries (Development and Regulation) Act, 1951. In SSI, there are virtually no licensing restrictions. No industrial license is required except in case of 6 product groups included in compulsory licensing (these products groups mainly cover products that can only be made in large sector.)

But if a small-scale unit employs less than 50/100 workers with/without power then it would not require a license from the Govt. of India even for the 6 product groups covered in licensing under Schedule II of the notification.

Subject to this, an entrepreneur can set up a Micro, Small or Medium unit anywhere in the country without any restriction. The units are, of course, subject to the location/land use and zoning restrictions in force under the local laws. (Please see link: dcmsme.gov.in for more information)

CLEARANCES:

An entrepreneur has to obtain several clearances or permissions depending upon the nature of his unit and products manufactured.

An entrepreneur has to obtain several clearances or permissions depending upon the nature of his unit and products manufactured.

Product Specific Clearances

Environment & Pollution Related Clearances

REGULATORY OR TAXATION CLEARANCES

REGISTRATION UNDER SALES TAX ACT-COMMERCIAL TAX OFFICER OF THE AREA CONCERNED

REGISTRATION UNDER CENTRAL EXCISE ACT- COLLECTOR OF CENTRAL EXCISE OR HIS NOMINEE FOR THE AREA

PAYMENT OF INCOME TAX ACT- ITO OF THE AREA CONCERNED

REGISTRATION OF PARTNERSHIP DEED-INSPECTOR GENERAL OF AREA CONCERNED

CALIBRATION OF WEIGHTS & MEASURES- WEIGHTS & MEASURES INSPECTOR OF STATE.

POWER CONNECTION-DESIGNATED OFFICER OF STATE ELECTRICITY BOARD

MORE THAN 10 EMPLOYEES WITH POWER CONNECTION OR 20 EMPLOYEES WITHOUT POWER CONNECTION-CHIEF INSPECTOR OF FACTORIES.

ENVIRONMENT & POLLUTION RELATED CLEARANCES

The method of granting consent under water and air pollution to SSI units has been simplified. Except for 17 critically polluting sectors given below, in all other cases SSI units will merely have to file an application and obtain an acknowledgement which will serve the purpose of consent:-

Fertiliser (Nitrogen\Phosphate

Sugar

Cement

Fermentation & distillery

Aluminium

Petrochemicals

Thermal Power

Oil Refinery

Sulphuric Acid

Tanneries

Copper smelter

Zinc smelter

Iron & Steel

Pulp & Paper

75.

Dyes & Dyes Intermediates

Pesticides manufacturing & Formulation

Basic Drugs & Pharmaceuticals

PRODUCT SPECIFIC CLEARANCES

ESTABLISHING A PRINTING PRESS - DISTRICT MAGISTRATE

LICENSE FOR COLD STORAGE CONSTRUCTION - DESIGNATED OFFICIAL IN STATE

PESTICIDES - CENTRAL/STATE AGRICULTURAL DEPARTMENT - MINISTRY OF AGRICULTURE

DRUGS AND PHARMACEUTICALS - DRUG LICENSE FROM STATE DRUG CONTROLLER

SAFETY MATCHES/ FIREWORKS - LICENSE UNDER EXPLOSIVES ACT FROM DIRECTORATE OF EXPLOSIVES, NAGPUR

HOUSEHOLD ELECTRICAL APPLIANCES - LICENSE FROM BUREAU OF INDIAN STANDARDS

WOOD WORKING INDUSTRY WITHIN 8 KM FROM FOREST - DISTRICT FOREST OFFICER

MILK PROCESSING & MILK PRODUCTS MANUFACTURING UNITS - APPROVAL UNDER MILK AND MILK PRODUCTS ORDER FROM STATE AGRICULTURAL/ FOOD PROCESSING INDUSTRIES DEPARTMENT ABOVE A DESIGNATED CAPACITY.

QUALITY CERTIFICATION

ISO 9000 Certification:

Quality certification has become extremely important in competitive markets and especially in gaining foothold in exports. To avail the certification of ISO-9000, a unit has to undertake significant costs; the small scale industries have been found wanting mainly on account of resource crunch to implement quality systems to obtain this certification. However, as a paradigm shift, SSI must make 'Quality' a way of life.

It has been decided to push the quality upgradation programme in the SSI Sector in a big way.

A scheme has been launched to give financial incentive to those SSI units who acquire ISO-9000 certification, by reimbursing 75% of their costs of obtaining certification, subject to a maximum of Rs. 0.75 lacs per unit.

In order to promote modernisation and technology upgradation in SSI, the units are assisted in improving the quality of their products.

A new scheme has been launched to assist SSI units in obtaining ISO-9000 or an equivalent international quality standard. Subject to an upper ceiling of Rs. 0.75 lacs, each unit is given financial assistance equal to 75% of the costs incurred in acquiring the quality standard.

The SSI units are also encouraged to participate in quality awareness and learning programmes organised specially for their benefit.

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Some of the National Classification of Industries (NIC) Codes for ready reference are as follows:

- 06101 Off shore extraction of crude petroleum
- 06201 Offshore Extraction of natural gas
- 08101 Quarrying of marble
- 08106 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
- 08107 Mining/quarrying of limestone, lime shell, 'kankar' and other calcareous minerals including calcite, chalk and shale
- 08108 Mining of clays (kaolin, ball clay, wollstonite, bentonite, fuller's earth, fire clay etc.)
- 10305 Manufacture of sauces, jams, jellies and marmalades
- 10306 Manufacture of pickles, chutney etc.
- 10307 Canning of fruits and vegetables
- 10406 Manufacture of oil cakes & meals incl. residual products
- 10504 Manufacture of cream, butter, cheese, curd, ghee, khoya etc.
- 10505 Manufacture of ice-cream, kulfi etc.
- 10611 Flour milling
- 10612 Rice milling
- 10613 Dal (pulses) milling
- 10617 Manufacture of flour mixes and prepared blended flour and dough for bread, cakes, and biscuits
- 10618 Manufacture of other readymade mixed powders like idli, gulabjamun etc.
- 10712 Manufacture of biscuits, cakes, pastries, rusks etc.
- 10721 Manufacture or refining of sugar (sucrose) from sugarcane
- 10722 Manufacture of 'gur' from sugarcane
- 10733 Manufacture of sugar confectionery (except sweetmeats)
- 10734 Manufacture sweetmeats including dairy based sweetmeats
- 10740 Manufacture of macaroni, noodles, couscous and similar farinaceous products
- 10795 Grinding and processing of spices
- 10796 Manufacture of papads, appalam and similar food products
- 10798 Processing of salt into food-grade salt, e.g. iodized salt
- 10801 Manufacture of cattle feed
- 11041 Manufacture of aerated drinks
- 11043 Manufacture of mineral water
- 11044 Manufacture of ice
- 11045 Manufacture of soft drinks
- 12008 Manufacture of pan masala and related products.
- 13111 Preparation and spinning of cotton fiber including blended* cotton
- 13114 Preparation and spinning of man-made fiber including blended* man-made fiber
- 13121 Weaving, manufacture of cotton and cotton mixture fabrics.
- 13124 Weaving, manufacturing of man-made fiber and man-made mixture fabrics.
- 13131 Finishing of cotton and blended cotton textiles.
- 13134 Finishing of man-made and blended man-made textiles.
- 13136 Activity related to screen printing
- 13921 Manufacture of curtains, bed covers and furnishings
- 13924 Manufacture of bedding, quilts pillows, sleeping bags etc.
- 13925 Manufacture of tarpaulin
- 13941 Manufacture of thread, including thread ball making
- 13943 Manufacture of cordage or rope made of coir
- 13946 Manufacture of tapes, newar and wicks

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- 13991 Embroidery work and making of laces and fringes
- 13992 Zari work and other ornamental trimmings
- 13995 Manufacture of made-up canvas goods such tents, sails etc.
- 14101 Manufacture of all types of textile garments and clothing accessories
- 14103 Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.
- 14105 Custom tailoring
- 15112 Tanning and finishing of sole leather
- 15116 Embroidering and embossing of leather articles
- 15121 Manufacture of travel goods like suitcase, bags, hold all etc.
- 15122 Manufacture of purse, ladies' handbags, and artistic leather presented articles and novelties
- 15123 Manufacture of saddlery and harness
- 15201 Manufacture of leather footwear such as shoes, sandals, chappals, leather cum-rubber/plastic cloth sandals and chappals
- 15202 Manufacture of footwear made primarily of vulcanized or moulded rubber and plastic.
- 16101 Sawing and planning of wood
- 16211 Manufacture of ply wood and veneer sheets
- 16213 Manufacture of flush doors and other boards or panels
- 16221 Manufacture of structural wooden goods
- 16231 Manufacture of wooden boxes, barrels, vats, tubs, packing cases etc.
- 16233 Manufacture of market basketry, grain storage bins and similar products made of bamboo or reed
- 16293 Manufacture of wooden agricultural implements
- 16294 Manufacture of various articles made of bamboo, cane and grass
- 17014 Manufacture of packing paper
- 17022 Manufacture of corrugated paper board containers
- 17023 Manufacture of card board boxes
- 17092 Manufacture of paper cups, saucers, plates, hoops, cones and other similar products
- 17095 Manufacture of file cover/file boards, and similar articles.
- 17097 Manufacture of carbon paper & stationary items
- 18115 Printing directly onto textiles, flexographic plastic, glass, metal, wood and ceramics
- 18121 Book and other similar sheet binding on account of others
- 18122 Engraving and block making etc.
- 19201 Production of liquid and gaseous fuels, illuminating oils, lubricating oils or greases or other products from crude petroleum or bituminous minerals
- 19202 Manufacture of paraffin wax
- 19203 Bottling of LPG/CNG
- 20112 Manufacture of inorganic acids except nitric acid
- 20114 Manufacture of dyes and pigments from any source in basic form or as concentrate
- 20118 Manufacture of synthetic aromatic products
- 20121 Manufacture of urea and other organic fertilizers
- 20132 Manufacture of synthetic rubber in primary forms
- 20211 Manufacture of insecticides, rodenticides, fungicides, herbicides
- 20212 Manufacture of disinfectants (for agricultural and other use)
- 20221 Manufacture of paints and varnishes, enamels or lacquers
- 20223 Manufacture of printing ink
- 0231 Manufacture of soap all forms

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- 20233 Manufacture of detergent and similar washing agents excluding soap
- 20235 Manufacture of preparations for oral or dental hygiene
- 20236 Manufacture of hair oil, shampoo, hair dye etc.
- 20237 Manufacture of cosmetics and toiletries
- 20238 Manufacture of "agarbatti" and other preparations which operate by burning
- 20291 Manufacture of matches
- 21002 Manufacture of allopathic pharmaceutical preparations
- 21003 Manufacture of 'ayurvedic' or 'unani' pharmaceutical preparation
- 21004 Manufacture of homoeopathic or bio-chemic pharmaceutical preparations
- 21005 Manufacture of veterinary preparations
- 21006 Manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string etc.
- 22113 Retreading of tyres, replacing or rebuilding of tread on used pneumatic tyres
- 22191 Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.
- 22192 Manufacture of rubber conveyor or transmission belts or belting
- 22202 Manufacture of tableware, kitchenware and other household articles
- 22203 Manufacture of plastic articles for the packing of goods
- 22204 Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics
- 22205 Manufacture of travel goods of plastics (suitcase, vanity bags, hold-alls etc.)
- 22206 Manufacture of spectacle frames of plastic
- 22208 Manufacture of polymer/ synthetic / PVC water storage tanks
- 23102 Manufacture of glass fibre
- 23103 Manufacture of hollow glassware (bottles, jars etc.) for the conveyance or packing of goods
- 23104 Manufacture of laboratory or pharmaceutical glassware
- 23105 Manufacture of table or kitchen glassware
- 23912 Manufacture of refractory bricks, blocks tiles and similar refractory ceramic constructional goods
- 23922 Manufacture of non-refractory ceramic sanitary wares: sinks, baths, water-closet pans, flushing cistern etc.
- 23923 Manufacture of non-refractory ceramic pipes, conduits, and guttering and pipe fittings
- 23931 Manufacture of articles of porcelain or china, earthenware, imitation porcelain or common pottery, including earthen statues
- 23932 Manufacture of ceramic tableware and other domestic or toilet articles
- 23934 Manufacture of electrical insulators and insulating fittings of ceramics
- 23941 Manufacture of clinkers and cement
- 23942 Manufacture of port land cement, aluminous cement, slag cement and similar hydraulic cement
- 23953 Manufacture of asbestos sheets
- 23954 Manufacture of R.C.C. bricks and blocks
- 23955 Manufacture of hume pipes and other pre-fabricated structural components of cement and/or concrete for building or civil engineering
- 23960 Cutting, shaping and finishing of stone
- 24102 Manufacture of direct reduction of iron (sponge iron) and other spongy ferrous products

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- 24103 Manufacture of steel in ingots or other primary forms, and other semi finished products of steel
- 24104 Manufacture of Ferro-alloys
- 24105 Manufacture of hot-rolled and cold-rolled products of steel
- 24108 Manufacture of wire of steel by cold drawing or stretching
- 24202 Manufacture of Aluminium from alumina and by other methods and products of aluminium and alloys
- 24311 Manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron/cast-steel
- 24320 Casting of non-ferrous metals
- 25111 Manufacture of doors, windows and their frames, shutters and rolling shutters, gates and similar articles used on buildings
- 25121 Manufacture of metal containers for compressed or liquefied gas
- 25122 Manufacture of metal reservoirs, tanks and similar containers
- 25123 Manufacture of central heating boilers and radiators and parts and accessories thereof
- 25910 Forging, pressing, stamping and roll-forming of metal; powder metallurgy
- 25931 Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors, razor blades, scissors, hair clippers etc.
- 25932 Manufacture of hand tools (non-power-driven) for agricultural/horticulture/forestry
- 25933 Manufacture of hand tools such as pliers, screwdrivers, press tools, blacksmiths' tools, drills, punches, milling cutters etc.
- 25934 Manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc.
- 25991 Manufacture of metal fasteners
- 25995 Manufacture of metal sanitary-ware such as baths, sinks, washbasins and similar articles
- 25996 Manufacture of reinforced safes, vaults, strong room doors, gates and metal goods for office use (other than office furniture) and other purposes
- 26101 Manufacture of electronic capacitors, resistors, chokes, coils, transformers (electronic) and similar components
- 26201 Manufacture of desktop computers, laptop computers, hand-held computers (e.g. PDA), mainframe computers and computer servers
- 26405 Manufacture of stereo equipment, speaker systems, amplifiers for musical instruments and public address systems, microphones, karaoke machines, headphones (e.g. radio, stereo, computer)
- 26511 Manufacture of physical properties testing and inspection equipment
- 26516 Manufacture of laboratory analytical instruments and miscellaneous laboratory apparatus for measuring and testing such as scales, balances, incubators etc.
- 26517 Manufacture of industrial process control equipment
- 26521 Manufacture of watches and clocks, including instrument panel clocks (except time-recording equipment)
- 27102 Manufacture of electric power distribution transformers, arc-welding transformers, fluorescent ballasts, transmission and distribution voltage regulators
- 27103 Manufacture of electric motors (except internal combustion engine starting motors)
- 27104 Manufacture of electricity distribution and control apparatus
- 27310 Manufacture of fibre optic cables for data transmission or live transmission of images

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- 27331 Manufacture of switch, switch box, lamp
- 27400 Manufacture of electric lighting equipment
- 27501 Manufacture of domestic electric appliances such as refrigerators, washing machines, vacuum cleaners, mixers, grinders etc.
- 27502 Manufacture of domestic electro-thermal appliances such as electric water heaters, space heaters, irons, ovens, toasters, microwave ovens etc
- 27503 Manufacture of electric fans (except exhaust fans)
- 28110 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
- 28131 Manufacture of hand pumps
- 28132 Manufacture of other pumps, compressors, taps and valves etc.
- 28140 Manufacture of bearings, gears, gearing and driving elements
- 28180 Manufacture of power-driven hand tools
- 28191 Manufacture of refrigerating or freezing equipment for industrial use, including assemblies of major components
- 28242 Manufacture of boring, cutting, sinking and tunnelling machinery (whether or not for underground use)
- 28243 Manufacture of earth-moving machinery (bulldozers, angle-doers, graders, scrapers, levellers, mechanical shovels, shovel loaders, off-road dumping trucks etc.)
- 28246 Manufacture of parts and accessories for machinery/equipment used by construction and mining industries
- 29201 Manufacture of bodies, including cabs for motor vehicles
- 29202 Manufacture of trailers and semi-trailers for transport of goods or passengers
- 29301 Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes etc.
- 29302 Manufacture of parts and accessories of bodies for motor vehicles such as safety belts, airbags, doors, bumpers
- 29304 Manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.
- 30305 Manufacture of parts and accessories of the aircraft and spacecraft
- 30913 Manufacture of parts and accessories of three wheelers and motorcycles including side cars
- 30991 Manufacture of vehicles drawn by animals
- 31001 Manufacture of furniture made of wood
- 31002 Manufacture of furniture made of cane & reed
- 31004 Manufacture of furniture primarily of plastic
- 31005 Manufacture of mattresses and pillows
- 32111 Manufacture of jewellery of gold, silver and other precious or base metal metal clad with precious metals or precious or semi-precious stones, or of combinations of precious metal and precious or semi-precious stones or of other materials
- 32120 Manufacture of imitation jewellery and related articles
- 32502 Manufacture of laboratory apparatus
- 32901 Manufacture of stationary articles such as pens and pencils
- 32903 Manufacture of umbrellas, sun-umbrellas, walking sticks, seat-stick

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- 33114 Repair and maintenance of steam or other vapour generators and auxiliary plant for use with steam generators such as condensers, economizers, super heaters, steam collectors and accumulators
- 33121 Repair and maintenance of engines and turbines excluding aircraft, vehicle and cycle engines
- 33122 Repair and maintenance of pumps and related equipment, fluid power equipment, valves
- 33125 Repair and maintenance of mining, construction, and oil and gas field machinery; metallurgy machinery
- 33129 Repair and maintenance of other special purpose machinery of division 28
- 33140 Repair of electrical equipment
- 33150 Repair of transport equipment, except motor vehicles
- 35105 Electric power generation using solar energy
- 35201 Manufacture of gas
- 41001 Construction of buildings carried out on own-account basis or on a fee or contract basis
- 43211 Installation of electrical wiring and fittings
- 43213 Installation of street lighting and electrical signals
- 43214 Installation of fire alarm system and burglar alarm system
- 43221 Installation of plumbing for water, gas and sanitation equipments
- 43222 Installation of heating systems (electric, gas and oil), furnaces, cooling towers, non-electric solar energy collectors etc.
- 43301 Installation of doors, windows, door and window frames, fitted kitchens, of wood or other materials
- 45200 Maintenance and repair of motor vehicles
- 49120 Freight rail transport
- 49223 Rental of private cars with driver
- 49224 Taxi operations
- 49226 Passenger transport by man- or animal-drawn vehicles
- 49231 Motorised road freight transport
- 49232 Non-motorised road freight transport
- 52101 Warehousing of refrigerated (cold storage)
- 52291 Activities of travel agents and tour operators
- 52293 Activities of movers and packers
- 52294 Weighing of goods
- 53200 Courier activities
- 55101 Hotels and Motels, inns, resorts providing short term lodging facilities; includes accommodation in house boats
- 56102 Cafeterias, fast-food restaurants and other food preparation in market stalls
- 56103 Ice cream mobile vendors, mobile food carts
- 61103 Activities of the cable operators
- 61104 Activities of providing internet access by the operator of the wired infrastructure
- 61201 Activities of Internet access by the operator of the wireless infrastructure
- 62011 Writing, modifying, testing of computer program to meet the needs of a particular client excluding web-page designing
- 62012 Web-page designing
- 62013 Providing software support and maintenance to the clients
- 62091 Software installations

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63111 Data processing activities including report writing
63112 Web hosting activities
63114 Providing data entry services
63992 Activities of cyber café
69100 Legal activities
69201 Accounting, bookkeeping and auditing activities
69202 Tax consultancy
71100 Architectural and engineering activities and related technical consultancy services.
71200 Technical testing and analysis
73100 Advertising
74101 Fashion design related to textiles, wearing apparel, shoes, jewelry, furniture and other fashion goods as well as other personal or household goods
74102 Activities of interior decorators
74103 Services of graphic designers
74201 Commercial and consumer photograph production
77100 Renting and leasing of motor vehicles
77220 Renting of video tapes and disks
77291 Renting of tent, furniture, pottery and glass, kitchen and tableware, utensils, household electrical and electronic equipments etc.
77292 Renting of books, journals and magazines
77301 Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries
79120 Tour operator activities
81292 Cleaning of industrial machinery
82191 Photocopying, duplicating and blue printing services
82192 Document preparation, typing, word processing and desktop publishing services
82920 Packaging activities
85223 Professional motor driving school
85491 Academic tutoring services
85500 Educational support services
86100 Hospital activities
86201 Medical practice activities
86202 Dental practice activities
86901 Activities of Ayurveda practitioners
86903 Activities of homeopaths
86904 Activities of nurses, masseurs, physiotherapists or other para-medical practitioners
86905 Activities of independent diagnostic/pathological laboratories
86906 Activities of independent blood banks
95111 Repair and maintenance of computer and peripheral equipment
95120 Repair of communication equipment
95210 Repair of consumer electronics
95221 Repair and servicing of household appliances (refrigerators, stoves, washing machines, clothes dryers, room air conditioners, etc.)
95230 Repair of footwear and leather goods
95291 Repair of bicycles
96020 Hairdressing and other beauty treatment
96091 Social activities such as escort services, marriage bureaus
96903 Shoe shiners, porters, valet car parkers etc.

CHAPTER 8

CONCLUSION:

District Industrial Potentiality Survey Report of Ahmedabad district consist of Eight Chapters along with Annexure. Very sincere endeavors are made to disseminate significant information on population, available resources and infrastructure facilities of the district.

There has been specific focus given on the present industrial structure of the district in respect of Small, Medium and Large Scale industries.

The Report also indicates the industrial potentialities in the district based on available natural resources and based on demand as well in the SMEs and ancillary industries in the district. I firmly believe it will immensely helpful to the present entrepreneurs as well as the fresh entrepreneurs to establish new industries in the district.

