



District Industrial Potential Survey Report of Amreli District

(UPDATED-2016-17)



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ACKNOWLEDGEMENT

In the preparation of this District Industrial Potentiality Survey Report of Amreli District, the Institute acknowledges the support and assistance of following Departments and Agencies for providing us the information and details:

1. District Industries Centre, Amreli
2. Lead Bank – Bank of Baroda, Amreli
3. Horticulture Office, Amreli
4. District Agriculture Office, Jilla Panchayat, Amreli
5. Animal Husbandry Office, Jilla Panchayat, Amreli
6. Fisheries Office, Amreli
7. Employment Office, Amreli
8. Road Transport Office, Amreli
9. Road and Building, Jilla Panchayat, Amreli
10. Road and Building(State) PWD, Amreli
11. GM, Telecom District BSNL, Amreli
12. Dy. Conservator of Forest, Amreli
13. Geology & Mines Department, Amreli
14. District Statistical Office, Jilla Panchayat, Amreli
15. GIDC, Amreli
16. Supdt. of Post Office, Amreli
17. NABARD, Amreli



FOREWORD

The role of MSMEs in the economic and social development of the country is widely acknowledged. MSMEs contribute 8 percent of the country's GDP, 45 percent of manufactured output and 40 percent of exports. The labour to capital ratio in MSMEs is much higher than in large industries. Moreover, MSMEs are better dispersed. Hence, MSMEs are going to play vital role for achieving the national objective of inclusive and sustainable growth. DC (MSME) is focusing on implementation of different policies/ schemes at the ground level. The growth of the MSME sector will reach greater heights, if stress is given on all key identified challenges such as finance, infrastructure, technology, procurement, skill development. etc.

District Industrial Potential Survey Report of Amreli District has been prepared by this Institute under Action Plan Targets 2016-17 (Updated). This report provides valuable information on Resources, Infrastructure, Present Industrial Structure, and Potential available in Amreli District.

It is hoped that the District Industrial Potential Survey Report of Amreli will be helpful to the entrepreneurs, policy makers, institutions / other stake holders engaged in the developmental activities of MSMEs. It is also hoped that the report will enable entrepreneurs to get advantages or benefits of various schemes of Central Govt., State Govt. and other agencies for the industrial development & growth.

We are grateful to the various Central Govt. offices, State Govt. offices, Lead Bank, DIC and Several Institutions, Chamber of Commerce & Industries Associations for supporting us by providing information and details.

I place on record my appreciation for Shri S.D.Ramavat, Investigator (EI) who has put in lot of commendable efforts in preparing this report in spite of stipulated rigid time period.

I sincerely hope that this report will be useful to all, connected with the development of industrial sector. This report will also serve as a valuable guide to the prospective entrepreneurs who are desirous of setting up industries in Amreli District.

Ahmedabad
14, June, 2016


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

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CHAPTER – I**DISTRICT AT A GLANCE**

S. No.	Particulars	Unit	Statistics
1	Geographical features		
(A)	Geographical Data		
	i) Latitude	Degree	20.45° to 22.15° N latitude
	ii) Longitude	Degree	70.13° to 71.45° E longitude.
	iii) Geographical Area	Hectares	736366
(B)	Administrative Units		
	i) Sub Divisions	Nos.	5
	ii) Tehsils	Nos.	11
	iii) Sub-Tehsil	Nos.	--
	iv) Patwar Circle	Nos.	15
	v) Panchayat Simitis	Nos.	9
	vi) Nagar Nigam	Nos.	--
	vii) Nagar Palika	Nos.	9
	viii) Gram Panchayats	Nos.	596
	xi) Revenue Villages	Nos.	626
	x) Assembly Area	Nos.	5
2.	Population		
(A)	Sex-wise		
	i) Male	Persons	770651
	ii) Female	Persons	742963
(B)	Rural Population	Persons	1127808
(C)	Urban Population	Persons	906242
3.	Agriculture		
A.	Land utilization		
	i) Total Area	Hectare	736366
	ii) Forest cover	"	30898
	iii) Non Agriculture Land	"	46200
	v) Cultivable Barren Land	"	12058
4.	(i) Forest	Ha.	35918.66

5.	Livestock & Poultry		
A.	Cattle		
	i) Cows	Nos.	268984
	ii) Buffaloes	Nos.	200569

B.	Other Livestock		
	i) Goats	Nos.	133764
	ii) Pigs	Nos.	389
	iii) Dogs & Bitches	Nos.	293
	iv) Railways		
	i) Length of rail line	Kms.	307.58
	V) Roads		
	(a) National Highway	Kms.	00
	(b) State Highway	Kms.	1018
	(c) Main District Highway	Kms.	911
	(d) Other district & Rural	Kms.	467

	(e) Rural road/Agriculture Marketing Board Roads	Kms.	338
	(f) Kachacha Road	Kms.	206
	(VI) Communication		
	(a) Telephone connection	Nos.	29581
	(b) Post Offices	Nos.	357
	(c) Telephone Centre	Nos.	88
	(d) Density of Telephone	Nos./1000 person	2.59
	(e) Density of Telephone	No. per KM	NA
	(f) PCO Rural	No.	890
	(g) PCO STD	No.	130
	(h) Mobile	No.	174222
	(VII) Public Health		
	(a) Allopathic Hospital	No.	1
	(b) Beds in Allopathic Hospitals	No.	210
	(C) Ayurvedic Hospital	No.	1
	(d) Beds in Ayurvedic Hospital	No.	20
	(e) Unani Hospitals	No.	00
	(f) Community health centers	No.	15
	(g) Primary health centers		38
	(h) Dispensaries	No.	00
	(i) Sub Health Centers	No.	247
	(j) Private hospitals	No.	NA

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	(VII) Banking Commercial		
	(a) Commercial bank	Nos.	70
	(b) Rural Bank Products	Nos.	136
	(c) Co-Operative Bank Products	Nos.	50
	(d) PLDB Branches	Nos.	12
	(IX) Education		
	(a) Primary Schools	Nos.	749
	(b) Middle Schools	Nos.	96
	(c) Secondary & senior Secondary School	Nos.	35
	(d) Colleges	Nos.	29
	(e) Technical University	Nos.	00
6.	Industrial GIDC	Nos.	07
7.	i) Registered MSM Enterprises	Nos.	i) Micro 1036 ii) Small 199 iii) Medium 6
	II) Investment	Rs. In Lac	i) Micro 7455.29 ii) Small 27984.47 iii) Medium 4788.33
	III) Employment	Nos.	i) Micro 7983 ii) Small 4193 iii) Medium 170

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CHAPTER – II

INTRODUCTION

Background, Objective, Scope & Methodology:

The importance of sustainable industrial development for socio-economic development needs no elaboration. The industrial development takes place with the availability of natural, human, mineral resources, etc. However, this will always remain scanty. According to Lionel Robinson in the scarcity definition of economics that “economics is a study of how man manages to satisfy by utilizing scarce resources, which are limited in supply”. One of the principal objectives of planned development has been the regional balance or reduction of disparities among the different regions of the Gujarat State. Removal of regional disparities and all round sectoral development presuppose optimal allocation of resources aimed at equitable growth.

The industrial development of the economy plays a pivotal role and small scale industry has been adopted as a policy goal in many countries including India. A key position has been accorded to this sector in Indian Plans for achieving such objectives such as removal of unemployment, decentralized growth, reduction of inequalities etc. The concept of small scale industries was developed basically with the presumption that small scale unit inherently possesses certain economic advantages which justify its existence and if initially given protection from the grabbing and bullying attitude of the large scale sector, economically viable than its large competitor.

For the promotion of industrial development, a number of fiscal incentives are being offered by the Central and State Government. The Financial Institutions are also offering the incentives, after assessing the potentials in relation to human resources and natural endowments for development and facilitate optimum utilization of scarce financial resources by channeling the same into sector with growth potential etc.

It is a recognized fact that mere offering of financial incentives will not be sufficient in promoting industrial development. It is essential to undertake considerable amount of work of identification of prospective industries based on local resources, identification of suitable locations having basic infrastructure facilities etc.

The objective of preparing this report is to document the resources available in Amreli District and the potentials that exist for industrial and economic development of the district.

The report is techno-economic in character rather than a statistical presentation and is intended provisionally for the entrepreneur, government and non-governmental agencies as a tool for planning and programming development activities.

The report is prepared based on both primary and secondary sources apart from exhaustive reference and available literature on the district. The survey included field visits involving data collection from promotional agencies and Government departments.

CHAPTER – III

DISTRICT PROFILE

General Characteristics of thr District

3.1 Geographical Location:

Amreli district is situated in north east corner of Saurashtra peninsula in Gujarat between 20.45° to 22.25° latitude and 70.30° to 71.75° longitude. It is surrounded by Bhavnagar district in east, in north Rajkot district, in west Junagadh district and Arabian Sea in the south. It has a coastal line of about 62 Kms. The geographical area of the district is 7438.6 sqare kms. Out of total area of 7.40 lakh hectares, 5.49 hectares are under cultivation which is about 74 % of the total area.

3.2 Topography

The district is agro climatic zone 6th and 7th south Saurashtra & north Saurashtra respectively.

The climate of the district varies from moderately hot throughout the year except in winter. The climate is humid along with the coastal belt. The temperature varies from 8.01° Celsius in January to 43.7° Celsius in May. The average rainfall of last three years is 706 mm. As the monsoon during the last year was average in our main area of operations. The district receives rain from South-West monsoon from June to September. The monsoon is satisfactory this year.

3.3 ADMINISTRATIVE SET UP

Amreli district comprises of 11 talukas viz. Amreli, Babra, Dhari, Bagsara, Kunkavav, Khambha, Jafrabad, Lathi, Liliya, Rajula and Savarkundla.

The District Collector is the overall administrative head. Down below there are various district level officers of the State Government to perform/execute the various regulatory/development functions assigned to them. The DIC is one of such district level office headed by an official of the State Govt. designated as General Manager with whom a number of functional managers work for the promotion and development of industrial and commercial enterprises in the district.

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3.4 FOREST

There are no important forest resources in the district. The total area under forest is 35918.66 hectares. The main product is grass, other minor products are timber, firewood, bidi leaves and khakhara leaves. These products are so minor that they cannot be considered as potential resources for industrial purpose.

The talukawise area under forest is as under:

Sr. No.	Name of the Taluka	Area under Forest (Ha)
1	Babra	1922.82
2	Dhari	18600.16
3	Kunkavav	20.63
4	Bagasara	71.23
5	Jafrabad	277.25
6	Lathi	281.76
7	Liliya	135.25
8	Rajula	1066.04
9	Savarkundla	4814.01
10	Khambha	8753.56
	Total	35942.71

3.5 Climate and Rainfall:

The district is in agro-climatic Zone VI(South Saurashtra)and VII (North Saurashtra).

The climate of the district varies from hot to moderately hot throughout the year except in winter. The climate is humid in coastal belt. The Temperature varies between 8.01C in January to 43.7C in May. The average rainfall of last three years is 706 mm. The monsoon during the last year was average in main area of operations. The district receives rain from south west monsoon from June to September. The monsoon is satisfactory this year.

CHAPTER – IV

RESOURCES

Industrial development depends upon availability of human resources and material resources like Agriculture, Horticulture, Minerals, Forest, Salt, Fisheries etc. In this chapter, a detailed study of available resources in Amreli district has been covered as given below:

A.

HUMAN RESOURCES:

Population and occupational Pattern:

Provisional Population as per 2011 Census of Amreli district is as under:

Important Statistics	2001	2011
Persons	13,93,295	15,13,614
Male	7,01,384	7,70,651
Female	6,91,911	7,42,963
Decennial Population Growth rate	6.50	8.59
Density of Population (Per Sq.Km.)	188	205
Sex Ratio	987	964
Rural Population	4,99,451	11,27,808
Rural Population-Male	5,40,164	5,72,526
Rural Population-Female	5,40,259	5,55,282
Urban Population	1,01,341	3,85,806
Urban Population-Male	1,61,220	1,98,125
Urban Population-Female	1,51,652	1,87,681
Literacy Rate	66.09	74.49
Literacy Rate -Male	76.44	81.82

Literacy Rate-Female	55.78	66.97
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The total Population of the district is 15.13 lacs as per 2011 Census. Out of the total population of 15.13 lacs, the percentage of male population comes to 50.91 and female population works out to 49.09. The male-female ratio is 964. Out of the total population of 13,93,295 in Amreli district as per 2001 Census, there are 4,99,451 rural and 1,01,341 urban. The density of population is 205, the growth rate during 2001-2011 has been 8.59

II) Occupational Pattern:

The district has a workforce of 537369, forming 39% of total population. The agriculture is the main activity in the district. 68% of total workforce is engaged in agricultural sector. Approximately 25% of total workforce is engaged in industrial sector and marginal workers, who constitute 7% of the total workforce, are engaged in service sector.

B. MATERIAL RESOURCES:

Major characteristics of the district in relation to the economic resources are Agriculture, Livestock, Fisheries, Horticulture etc. Economic resources are important means of subsistence for the working people in the district. The details about economic resources of important sectors are given hereunder.

AGRICULTURE:

Agriculture and its allied activities are the main occupation in the district as about 64% of the total workforce is engaged in Agriculture and its allied activities. The Total geographical area of the district is 7, 39,231 hectares.

.10.

1) Land Utilization Pattern as Under :

Sr. No	Type of Land	Area in Hectors
1	Forest	30898
2	Land available for cultivation	549958
3	Fallow Land	24056
4	Cultivable Waste	12058
5	Permanent Pastures	54293
6	Trees and Groves	00
7	Area sown(Kharif, Rabi, Summer)	549958

2) Statement of various crops grown in Amreli district as undre

Sr. No.	Name of the Crop	Area in Hectors	Production(MT)
1	Groundnut	388885	699993
2	Cotton	105860	48166
3	Wheat	28888	103997
4	Sesamum	11095	8321

3) Cropping Pattern:

The main crop of the district is groundnut followed by Bajra, Cotton, Jowar, Wheat, Pulses, Maize, Onion, Mustard & Chillies. It is also noticed that area under Groundnut crop is decreasing gradually due to cotton seed sowing in increasing as cotton ginning and pressing industry is developing in the district at large by last 2 to 3 years.

4) Agricultural Marketing:

Remunerative price for agricultural product is an essential incentive for sustaining agricultural production. A well established regulated marketing system can check unfair trading practices by traders. Agricultural Produce Marketing Committees (APMCs) have been constituted at taluka level under Agricultural Produce Marketing Act 1963.

Amreli is the district headquarter having marketing yard and a developed market for general merchandised goods. There are 11 other marketing yards one each at Rajula, Dhari, Babra, Bagasara, Damnagar, Lathi, Jafrabad and Savarkundla. The main objective of these markets is to provide better marketing facilities to the farmers, to ensure remunerative and competitive price for their produce, besides eliminating the exploitation of the farmers by middlemen in marketing farm products.

5) Irrigation:

Amreli district falls under agro-climatic Zone (North Saurashtra) registering average rainfall of 922 M.M. The major rivers in the district are the Shetrunji, the Sattalli, the Dhatarwadi, the Thebi, The Vadi and the Shingoda having mionor/major irrigaqtion projects viz. Khodiyar Dam and Munjiyasar Dam. To provide irrigation & drinking water for coastal area industrial Zone at Kovaya, Jafrabad & Pipavav Port, one project named Dhatarwadi-2 near Rajula is under construction. Besides, there are 2877 check dams, 153 talavs and 54096 wells for irrigation purpose. The details of irrigation are as under.

Sr No.	Source of Irrigation	Area Covered (Hectors)
1	Canals	7043
2	Wells	92374
3	By Tanks & Ponds	18620
	Total	118037

It is transpired from the above that net irrigated area of the district is 118037 Hectors which is 18.46% of net cultivated area (i.e.639454 Hectors).Well irrigation covers 92374 Hectores i.e. 78.25% of total irrigated area whereas canal irrigation covers 7043 Hectore i.e. 5.97% which indicates that canal irrigation is also an important source of irrigation. Though the district is identified as D.P.A.P., the quality of water is suitable for irrigation through the district. Thus, underground water is the major source of irrigation which depends on monsoon.

The Rural Infrastructure Development Fund (RIDF) has been established by NABARD for funding the State governments/corporations for completing the selected ongoing infrastructural projects like medium irrigation dams ,roads etc.

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6. Horticulture:

Plantation and horticulture assumes special place in agrarian economy. By adopting scientific cultivation of horticulture crops, even small and fragmented land holdings can be transformed as economically viable and ecologically stable units. Horticulture and plantation also enrich waste lands and dry lands.

Climatically, Amreli district is suitable for a good number of horticultural crops. All the talukas in the district are suitable for cultivation OF Mango, Chiku, Banana, Lemon etc. In view of ever expanding demand, the activity has a good scope. The Abundance of agricultural and horticultural product in the district is stimulating the growth of agro based industries in the region.

The tables given below highlights area and production of horticulture crops in the district as under

Sr. No	Name of Fruit Crop	Hectare	Production(M.T.)
1	Mango	6715	43647
2	Sapota	570	4446
3	Lemon	475	4156
4	Ber	170	1581
5	Banana	30	900
6	Guava	250	2375
7	Papaya	20	740
8	Custard Apple	23	150
9	Aonla	61	549
10	Pomegranate	10	62
11	Coconut	142	1207
Sr. No	Name of Vegetable crops	Hectare	Production(M.T.)
1	Onion	4600	133400
2	Brinjal	3150	55125
3	Okra	1650	11055
4	Cluster Bean	2200	13420
5	Cabbage	650	12675
6	Cauliflower	270	5265
7	Cucurbits	1250	13497
8	Tomato	2300	41400
9	Cowpea	1500	11850
Sr. No	Name of Spice crops	Hectare	Production(M.T.)
1	Cumin	3378	2002
2	Chill (Green)	190	3173

3	Garlic	2200	13460
4	Coriander	180	235
5	Fenugreek	170	357
6	Ajwain	255	166
7	Turmeric	2	50

Source: Dy. Director of Horticulture, Amreli.

.13.

LIVESTOCK RESOURCES:

Amreli district has a Livestock population of 807096. As per the information furnished by the department of Animal Husbandry, Jilla Panchayat, Amreli , Categorywise break up of same is as under.

1) Livestock population in Amreli district as per Cattle Census 2012

Sr.No.	Name of Species	No. of Animals(Thousands)
1	Cattle	320150
2	Buffaloes	242918
3	Camel	15
4	Sheeps	108401
5	Goats	131513
6	Horses & Ponies	1355
7	Donkeys.Mules & Dogs	2726
8	Pigs	0
9	Others	18

2) Dairy Development

Amreli District Cooperative Milk Producer Federation Ltd. has promoted Amar Dairy in the Amreli District. There are 483 milk Societies affiliated with Amar Dairy which have 20,000 members. Out of 483 milk Societies, 60 milk Societies are managed by Women and their total membership is 6000. NDDB Chalala Dairy collects milk through 300 Milk Sahayaks in all the 11 talukas of the district.

The Amar Dairy collects the milk from milk societies and supplies the same to Mother Dairy, Gandhinagar. During the year 2010-11, the total procurement of milk by Amar Dairy was 2, 43, 90,620 kilo liters milk. The Amar Dairy pays Rs. 437.95 per kilo fat to its members of milk societies. NDDB Chalala Dairy supplies the milk to NDDB Junagadh Dairy. During the year 2010-11, the total procurement of milk was 70, 00,000 kilo liters milk. They pay Rs. 450 per kilo fat.

The Amar Dairy has established 12 Bulk Milk Cooling centers which have 21 bulk milk coolers covering all the 11 talukas .

Amar dairy in Amreli district at present is having good development with the aid from RKVY and State Govt. Grant. A new Dairy Project and Cattle Feed Plant (300-500 MT) is under construction. Amar Dairy got the aid from RKVY and State Govt. for Development and Infrastructure (BMC, AMCS) (Approx. 276) .

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3) Poultry Development:

Egg and poultry meat are important sources of high quality proteins to balance the diet of common people. Poultry farming provides a source of income and gainful employment to farmers throughout the year. Poultry manure has high fertilizer value and can be used for increasing yield of agricultural products. Among the various poultry rearing activities, Layer and Broiler farming are popular on commercial lines. The broiler farming is being taken up on contract basis wherein small farmers enter into contract arrangement with larger poultry companies who provide all the inputs and buy back the broiler birds.

The demand for the activity has just beginning. Although the climatic conditions of the district are not ideally suitable for poultry development, in certain pockets, the activity can be taken up. There is a demand in the neighboring districts for poultry products.

Poultry farming in general is not picking up due to lack of demand on account of social barriers. Secondly, the broiler farming in particular is not picking up on account of extreme climate of the district. As per 2007 census, 15896 birds were there in the district.

There is only one commercial Poultry farm in the district. The number of the birds in the Poultry Farm is 4867. There are some private agencies for procuring and selling poultry products in the district.

4) Views about the development of Animal Husbandry based industries:

Animal Husbandry activities in the district help families of all categories viz. landless labourers, marginal and small farmers and major farmers are receiving supplementary income from milk, meat and poultry products. Some families are gaining from sale of milk, wool and meat of Sheep's and Goats. Some families are gaining from dockyard and small scale poultry farming.

Animal Husbandry also helps all families to provide good/high value nutrition to good animal proteins, vitamins and minerals. This helps to maintain nutritional status of individuals and helps to improve human development index also.

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Recommendations for the development of the Animal Husbandry based industries by aspects of Produce, Breeding and Production of animals:

1) Research and Recommendation required for Produce:

- To increase market price for animal produce like milk, meat, wool and eggs.
- To decrease production cost of above produces by replacing traditional husbandry system.
- to Strengthen animal husbandry activities in the district by organised marketing.
- To change strategy of milk price from fat % to other constitutes of milk like SNF, carotene, vitamins, minerals and protein etc. It may help value addition of Gir cow milk.

2) Research and Recommendation required for Breeding:

- To minimize sexual health problems/diseases in Gir and Jafrabadi breeds.
- To increase numbers of animal, Genetically Pure in Gir, Jafarabadi, Kathawadi characters.
- To strengthen animal husbandry activities in the district to increase animal produce per animal.
- Kathiawadi horse breed is declared as threatened breed by the GOI, it is necessary to study Genotypes and diseases of this breed.

3) Research and Recommendation required for Production:

- To study macro/micro minerals status of feed, water and soil.
- New strategy of waste of cash crops as fodder viz. sugarcane waste, mango waste, cotton waste ect.
- Parasitic infestation map.
- It is necessary to prevent infectious/ contagious diseases by migration of animals.
- Mass vaccination programme according to agro climatic condition. separately.

5. MINERALS:

The district has ample stock of Lime stone which is used as raw-material in Cement industry. Bauxite is also found in the district in the large quantity. Rajula is famous for building stone which is popularly known as 'Rajula Stone '. The district has also Gypsum calsite, Black Tap, Sandsoil etc. Besides this, there is ample stock of granite in Babra taluka with a scope for granite mines & polishing industries.

There are 9000 salt farms on the coast line of Rajula & Jafrabad Talukas producing salt which is used for the production of soda Ash & chemicals. Narmada cement Co. Ltd. Jafrabad is producing 4500MT of cement every day and L & T Cement Division at Kovaya in Rajula is producing cement about 27819 M.T.

Production of minerals in the district as under

Name of the mineral	
Minor Minerals	Production (M.T.)
Rajula Building Limestone	9544
Lime Stone	9253
Black Trap	1905222
Ordinary Sand	1507740
174850Hard Murom	174850
Total	3606609
Major Minerals	Production (M.T.)
Limestone	5571509
Marl Clay	1733789
Natural Clay	33659
Total	7338987

6. Marine resources:

The district has a coastal line of about 62 K.M. punctuated with 17 fishing centers with good potential for marine resources. Marine fishing activity in Amreli district is carried out in two coastal talukas viz. Jafrabad and Rajula. Jafrabad is among the top ten Fish landing centers in gujarat. There are 37 regd. Fishermen coop. societies and 25294 populations of fishermen in the district. The district is famous for Pamphlet, Surmal amd Bombay duck. The total fish production is 61050 M.T. per year and more than 25000 nets available in the district. There are 1275 mechanized boats and 174 non-mechanized boats.

There are 22 ice factories with a total capacity of 720 tonnes and 2 cold storages with 40 tpd capacities, 1 fish pulverizing unit, 1 boat building yard having capacity 5 boats/year and 20 service stations.

There are 6598 fisheries related ancillary units in the district of which 6087 are in the Jafrabad taluka and 511 in the Rajula taluka. These units are associated with fish catches, sale, weaving fish net, processing and drying fish etc. This provides considerable employment in the area.

The covering area of fresh water inland fisheries is 5732 hectares.

There is no fish feed plant in the district. There is, however, no shortage of inputs like feed, lime, fertilizer, manures, aerators and cages etc.

7. FISHRIES:

The Statistics obtained from the Assistant Director of Fisheries, Jafrabad are as under.

<u>Fisheries</u>	<u>Statistics :</u>
1. No. of Fishing Boats	
A. Mechanized Boats	1275
B. Non Mechanized Boats	174
2. No. of Active Fishermen	14000
3. Fish Production (M.T.)	265
4. No. of Co-Operative Societies	37
5. No. of Co-Operative Society Members	2860

Fisheries sector can be broadly divided in to three sub-sectors,viz., Fresh water, Marine & Brackish water. Marine fisheries can be further classified in to inshore, offshore and deep-sea depending on the depth of fishing operation. The exploitation of these resources is done either by caputure (fishing) or developing culture. Being a coastal district, it offers potential under all these sub sectors.

CHAPTER – V

INFRASTRUCTURE FOR INDUSTRIAL DEVELOPMENT

Infrastructure facilities are pre-requisite for industrial development. The industrialization cannot take place in the absence of infrastructural facilities. The infrastructural facilities include availability of good road, road transport, railway, water, communication, power, technical institutions, industrial estates, banking facilities etc. In Amreli district. The existing facilities are elaborated as under:

5.1 Roads:

Good roads are must for Industrialisation which in turn facilitate transportation and development of trade and commerce. The development of roads is looked after by different departments in the district. The National Highway is looked after by C.P.W.D. The state highways are looked after by the P.W.D. and roads in the other parts of the district by District Panchayat office.

Category-wise length of roads in the district

Types of roads	Length of roads in Kms.
National Highways	55
State Highways	1026
Major District Roads	32
Total	1113

District Roads under Panchayat

Category	Cement Concrete	Block Top Mettalled	WBM Roads	Earthen		Total Length Kms
				Motorable	Non Motorable	
M.D.R.	-----	862.60	21.50	28.00	0.00	912.10
O.D.R.	-----	387.60	22.50	56.00	0.00	466.10
V.R.	-----	704.60	34.50	126.50	0.00	865.60
Total	-----	1954.80	78.50	210.50	0.00	2243.80

Source: E.E.(R&B), Jilla Panchayat, Amreli

5.2 **Factory Accommodation:**

Availability of suitable factory accommodation in the form of industrial sheds is one of the important incentives for setting up of small scale industries. The Gujarat Industrial Development Corporation (GIDC) is providing industrial plots for factory accommodation in the industrial estates as detailed under:

Existing Status of Industrial Areas in the Amreli District

S.No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No. of Plots	No. of allotted Plots	No. of Vacant Plots	No. of Units in Production
1	Amreli	14.15	14.15	690	129	129	0	128
2	Damnagar	14.81	14.81	135	61	50	11	28
3	Jafrabad	1.00	1.00	55	10	3	7	2
4	Rajula	1.00	1.00	105	24	14	10	9
5	Liliya	1.00	1.00	55	11	7	4	0
6	Babra-1	15.85	15.85	335	104	90	14	58
7	Babra-2	10.00	10.00	335	205	201	4	0

Source: - GIDC, Amreli

5.3 **Power :**

Power supply is the chief necessity for the economic development in the district. The main source for the power supply is Gujarat Energy Transmission Corporation Limited. Facilities of electricity have increased considerably in the rural area of the district. All the villages and towns in the district have been electrified for all purpose. Details of sub-stations in Amreli district are as under:

Existing Sub-station for Power distribution under Amreli TR Circle

Sr.No.	Name of S/S	Power Transformer (Voltage Ratio)	Capacity MVA	Taluka
1	400 KV S/S Amreli	400/220/33kv	630	Amreli
2	400 KV S/S Amreli	220/66kv	200	Amreli
3	66 KV Amreli A S/S	66/11	30	Amreli
4	66 KV Amreli A S/S	66/11	30	Amreli
5	66 KV Babra S/S	66/11	30	Babra
6	66 KV Bagasara	66/11	30	Bagasara
7	66 KV Chalala S/S	66/11	20	Dhari
8	66 KV Chital S/S	66/11	25	Amreli
9	66 KV Damnagar S/S	66/11	20	Damnagar

Sr.No.	Name of S/S	Power Transformer (Voltage Ratio)	Capacity MVA	Taluka
10	66 KV Gavadka S/S	66/11	10	Amreli
11	66 KV Gariyadhar S/S	66/11	30	Gariyadhar
12	66 KV Gundaran S/S	66/11	10	Liliya
13	66 KV Kukavav S/S	66/11	25	Kukavav
14	66KV Kotadapitha S/S	66/11	25	Babra
15	66KV Khambha S/S	66/11	10	Babra
16	66KV Lathi S/S	66/11	35	Lathi
17	66KV Liliya S/S	66/11	25	Liliya
18	66KV Malaviya PipariaS/S	66/11	10	Lathi
19	66 KV Sarambhada S/S	66/11	20	Dhari
20	66KV Simran S/S	66/11	10	Savarkundla
21	66KV Tori S/S	66/11	10	Kukavav
22	220KV Dhasa	220/66 KV	200	Gadhada
23	220KV Dhasa	66/11	20	Gadhada
24	220KV Botad	220/66KV	100	Botad
25	220KV Botad	220/132 KV	100	Botad
26	220KV Botad	66/11KV	5	Botad
27	132KV Paliyad	132/66KV	10	Botad
28	132KV Paliyad	132/11KV	25	Botad
29	132KV Barwala	132/11KV	25	Barwala
30	66 KV Sanosara	66/11	20	Sihor
31	66KV N'vadar	66/11 KV	20	Palitana
32	66KV Malapara	66/11 KV	10	Gadhada
33	66KV Dharwada	66/11 KV	10	Umarala
34	66KV Turkha	66/11 KV	20	Botad
35	66KV Vichiya	66/11 KV	25	Jasdan
36	66KV Kalatalav	66/11 KV	20	Vallabhipur
37	66KV Sarangpur	66/11 KV	20	Barwala
38	66KV Botad	66/11 KV	35	Botad
39	66KV Gadhada	66/11 KV	35	Gadgada
40	66 KV Lathidad	66/11 KV	20	Botad
41	66KV Lakheni	66/11 KV	25	Botad
42	66KV Hadabad	66/11 KV	20	Botad
43	66KV Tatam	66/11 KV	25	Gadhada
44	66KV Bandhani	66/11 KV	25	Jasdan
45	66KV Ratanpar	66/11 KV	10	Botad
46	66KV Chavand	66/11 KV	10	Lathi
47	66KV Sanali	66/11 KV	10	Jasdan

48	66KV Ambardi	66/11 KV	10	Jasdan
49	66KV Jambervala	66/11 KV	10	Babra
50	66KV Mandavi	66/11 KV	10	Gariyadhar
51	66KV Bajud	66/11 KV	15	Sihor
52	66KV Keriya	66/11 KV	15	Botad
53	66 KV Ujalavav	66/11 KV	15	Umralla
54	220KV Otha	220/66 KV	150	Mahuva
55	220KV Otha	66/11 KV	5	Mahuva
56	66KV Otha	66/11 KV	20	Mahuva
57	66KV Bagdana	66/11 KV	25	Mahuva
58	66KV Kadamgiri	66/11 KV	10	Mahuva
59	66KV Mahuva	66/11 KV	35	Mahuva
60	66KV Dungar	66/11 KV	20	Rajula
61	66KV Vadli	66/11 KV	20	Mahuva
62	66KV Mota Khutavada	66/11 KV	20	Mahuva
63	66KV Vangar	66/11 KV	10	Mahuva
64	66KV Kadiyali	66/11 KV	10	Rajula
65	66KV Dudhala No 2	66/11 KV	15	Mahuva

<i>Sr.No.</i>	<i>Name of S/S</i>	<i>Power Transformer (Voltage Ratio)</i>	<i>Capacity MVA</i>	<i>Taluka</i>
66	66KV Datha	66/11 KV	10	Talaja
67	66KV Babariyadhar	66/11 KV	10	Rajula
68	66KV Talaja S/S	66/11 KV	30	Talaja
69	66KV Manar S/S	66/11 KV	25	Talaja
70	66KV Pthalpur S/S	66/11 KV	15	Talaja
71	66KV Thadach S/S	66/11 KV	20	Palitana
72	66KV Pasvi S/S	66/11 KV	10	Talaja
73	66KV Dihor S/S	66/11 KV	20	Talaja
74	66KV Tarpaj S/S	66/11 KV	10	Talaja
75	220KV Savarkundla	220/66 KV	300	Savarkundla
76	66KV Savarkundla	66/11 KV	5	Savarkundla
77	66KV Savarkundla	66/11 KV	30	Savarkundla
78	66KV Vanda	66/11 KV	20	Savarkundla
43	66KV Tatam	66/11 KV	25	Gadhada
44	66KV Bandhani	66/11 KV	25	Jasdan
45	66KV Ratanpar	66/11 KV	10	Botad
46	66KV Chavand	66/11 KV	10	Lathi
47	66KV Sanali	66/11 KV	10	Jasdan
48	66KV Ambardi	66/11 KV	10	Jasdan
49	66KV Jambervala	66/11 KV	10	Babra
50	66KV Mandavi	66/11 KV	10	Gariyadhar
79	66KV Khambha	66/11 KV	15	Khambha
80	66KV Khambha	66/11 KV	10	Khambha
81	66KV Amberdi	66/11 KV	20	Savarkundla
82	66KV Samadhiyala	66/11 KV	20	Khambha
83	66KV Mota Braman	66/11 KV	20	Rajula
84	66KV Dhari	66/11 KV	20	Dhari
85	66KV Dhari	66/11 KV	15	Dhari
86	66KV Bhader	66/11 KV	10	Dhari
87	66KV Bhader	66/11 KV	15	Dhari
88	66 KV Dudhala	66/11 KV	20	Dhari
89	66KV Dalkhaniya	66/11 KV	20	Dhari

90	66KV Rajula	66/11 KV	20	Rajula
91	66KV Jafrabad	66/11 KV	20	Jafrabad
92	66KV Vijapadi	66/11 KV	20	Savarkundla
93	66KV Jesar	66/11 KV	20	Mahuva
94	66KV Gadhkada	66/11 KV	10	Savarkundla
95	66KV Devala	66/11 KV	10	Dhari
96	66KV Rabarika	66/11 KV	10	Khambha
97	66KV Kubada	66/11 KV	10	Dhari
98	66KV Dedan	66/11 KV	15	Khambha
99	220KV Vartej	220/66 KV	300	Bhavnagar
100	220KV Vartej	66/11 KV	30	Bhavnagar
101	66 KV Chitra	66/11	20	Bhavnagar
102	66 KV Navagam	66/11	30	Bhavnagar
103	66 KV Ghanghli	66/11	60	Sihor
104	132KV Vallabhipur	132/66	40	Vallabhipur
105	132KV Vallabhipur	132/11	25	Vallabhipur
106	66 KV Dhola	66/11	20	Umralla
107	66 KV Bhavnagar City	66/11	30	Bhavnagar
108	66 KV Sidsar	66/11	20	Bhavnagar
109	66 KV Nari Road	66/11	20	Bhavnagar
110	66 KV Bunder Road	66/11	30	Bhavnagar
111	66 KV Mamsa	66/11	40	Ghogha
112	66 KV Tansa	66/11	25	Ghogha
113	66 KV Bhumbhali	66/11	20	Ghogha

Sr.No.	Name of S/S	Power Transformer (Voltage Ratio)	Capacity MVA	Taluka
114	66KV Sihor	66/11	45	Sihor
115	66KV Songadh	66/11	30	Sihor
116	66KV Tana	66/11	25	Sihor
117	66KV Palitana	66/11	30	Palitana
118	220KV Sagapara	220/66	200	Palitana
119	220 KV Sagapara	66/11	5	Palitana
120	66KV Sar	66/11	10	Sihor
121	66KV Ghodidhal	66/11	10	Palitana
122	66KV Sardarnagar	66/11	10	Bhavnagar
123	66KV Moti Dharai	66/11	10	Vallabhipur
124	66KV Panvi	66/11	10	Vallabhipur
125	66KV Nathugadh	66/11	10	Ghogha
126	66KV Gheti	66/11	10	Palitana
127	66KV Mangadh	66/11	10	Palitana
128	66KV Bhandariya	66/11	10	Palitana
129	66KV Palitana-B	66/11	10	Palitana
130	66KV Valkat Gate	66/11	15	Bhavnagar
131	66KV Desainagar	66/11	20	Bhavnagar

(A) Proposed Sub-station in 12th Five year Plan

Sr.No.	Name of S/S	Capacity in MVA	Taluka
1	400 KV Pipavav	230	Rajula
2	220 KVRajula	200	Rajula
3	220 KVGariyadhar	200	Gariyadhar
4	220 KV Bagasara(Mota Samdhiyala)	100	Bagasara
5	220 KV Talaja	200	Talaja
6	66KV Kuvargadh	30	Babra
7	Bhadi	30	Bhavnagar
8	Badhada (Dhajdi9	30	Savarkundla
9	66KV Maglana	30	Sihor
10	66KV Vanali (Gadhali)	30	Gadhada
11	66KV Hudali	30	Dhari
12	66KV Hamapur	30	Dhari
13	66KV Nana Ujala (Khajuri Pipaliya)	30	Kukavav
14	66KV Nadala (Ranpur)	30	Babra
15	66KV Bhimdad	30	Gadhada
16	66KV Balana	30	Jafrabad
17	66KV Habukvad	30	Talaja
18	66KV Katar (Barpatoli)	30	Rajula
19	66KV Ghanghali-3	30	Sihor
20	66KV Mota Agariya	30	Amreli
21	66KV Tatniya	30	Khambha
22	66KV Sihor-2	30	Sihor
23	Bhaguda (Gundarana)	30	Mahuva
24	Devaliya	30	Talaja
25	Kukad (Navagam)	30	Ghogha
26	Mamsa-2	30	Ghogha
27	Gariyadhar-B (Virdi)	30	Gariyadhar

(A) Sanctioned Sub-Station

Sr.No.	Name of S/S	Capacity in MVA	Taluka
1	400 KV Pipavav	230	Rajula
2	220 KVRajula	200	Rajula
3	220 KVGariyadhar	200	Gariyadhar
4	220 KV Bagasara(Mota Samdhiyala)	100	Bagasara
5	220 KV Talaja	200	Talaja
6	66KV Kuvargadh	30	Babra
7	Bhadi	30	Bhavnagar
8	Badhada (Dhajdi9	30	Savarkundla
9	66KV Maglana	30	Sihor
10	66KV Vanali (Gadhali)	30	Gadhada
11	66KV Hudali	30	Dhari
12	66KV Hamapur	30	Dhari
13	66KV Nana Ujala (Khajuri Pipaliya)	30	Kukavav
14	66KV Nadala (Ranpur)	30	Babra

15	66KV Bhimdad	30	Gadhada
16	66KV Balana	30	Jafrabad
17	66KV Habukvad	30	Talaja
18	66KV Katar (Barpatoli)	30	Rajula
19	66KV Ghanghali-3	30	Sihor
20	66KV Mota Agariya	30	Amreli
21	66KV Tatniya	30	Khambha
22	66KV Sihor-2		Sihor
23	Bhaguda (Gundarana)	30	Mahuva
24	Devaliya	30	Talaja
25	Kukad (Navagam)	30	Ghogha
26	Mamsa-2	30	Ghogha

5.4 Rail Network :

Amreli has a railway network of 281 kms. The district is interconnected by Veraval Khijadiya line with W.Rly. Besides, there is another track called Dhola Jetalsar Which connects Lathi, Vadia, Kukavav & Chital centers of this district. The line connects other centers like Dhola, Mahuva Railway connects 34 centers. The railway authorities have converted Meter gauge line in to Broad guage to connect Pipavav-the all weather port with surendranagar. The work is already completed & the goods as well as Passenger trains also started running. The Railway authority has started recently computerized reservation for all centers from Amreli. The "TATKAL" reservation facility is also available at Amreli.

5.5 Air port :

There is one Air port at Amreli. However, no regular flight is operated by any Air line.

5.6 Sea Route :

The district has various fishing ports on coastal line of 62 Km. of Rajula and Jafrabad talukas.Gujarat Maritime Board and Pipavav Port have developed the Pipavav port to cater the needs of exporters. At present, there is one medium size and two small size ports in the district.

5.7 Milk Route :

Two dairies have started functioning in the district.The Chalala Dairy was closed since 4 to 5 years but, it is restarted by N.D.D.B., Anand with a 60000 Ltr. Capacity per day. Another Amar Dairy on Co- Operative basis working with the 25,000 Ltr. Capacity per day. There are, at present, 8 main milk routes and 7 sub-milk routes covering 236 Viullages. There are 127 regd. milk co-op. societies ubder Gujarat Dairy Development Board with 8102 members. There is one chilling centre at Rajula.The installed capacity of the dairy is 40,000/- litres per day. Total milk collected during the year 2008-09 is 197700 litres.

5.8 Communication:

1. Post offices

There are 357 post offices which cover all the 618 villages of the district consisting of a main post office situated at Amreli and 44 sub post offices and 312 branch post offices.

Talukawise Post offices are as under :

Sr.No.	Name of Taluka	No. of Post offices
1	Amreli	50
2	Babra	27
3	Bagasar	19
4	Dhari	36
5	JafraBAD	29
6	Khambha	26
7	Vadia	31
8	Lathi	33
9	Rajula	21
10	Savarkundla	31
11		53

5.9 Telephones :

The fast developed telecommunication has resulted in considerable rise in telephones, fax, mobile phones and internets. Against the capacity of 88,332 Telephone connections, there are 27170 working connections in the district. Total 694 STD PCOs and 3070 Local PCOs are working in the district. Total 578 VPT PCOs are working out of which 1 PCO is on MARR and 577 PCOs are on Land Line. Mobile Telephone facility of Reliance, Airtel, TATA DoCoMo, BSNL, Vodafone & Idea etc. are available and total 43,758 connections is working as at the end of February-2010. Internet service is also easily available BSNL and other Private operators in the district and connections are released on demand.

5.10 Road Transport:

Transportation facilities are very much essential for socio-economic development of the area. It includes provision of bus facilities for carrying industrial workers from their area to the location of industrial units. The truck carrier facilities in the area are also essential for development of industries because it provides facilities for transportation of raw materials and products from one place to other places. Buses of Gujarat State Road Transport Corporation (GSRTC) ply regularly between different towns and villages in the district.

.26.

The details of different types of motor vehicles registered as under:

Sr.No.	Type of Registered Vehicles	Total Nos.
1	Goods Truck	6690
2	Tankers	327
3	Three Wheeler Vehicles	19823
4	Other Light Goods Vehicles	7379
5	Stage Carriage Bus	44
6	Contract Carriage Bus	654
7	Maxi Cab	413
8	School Bus	91
9	Private Service Vehicles	107
10	Police Van	72
11	Ambulance	119
12	Motor Cars/Station Wagon	17442
13	Taxi	913
14	Jeep	1357
15	Auto Rickshaw	7062
16	Motor Cycle/Scooters	254224
17	Mopeds	57437
18	Tractors	17446
19	Trailors	15341
20	Other Vehicles	418
	Total	407359

Source: RTO, Amreli

5.11 Educational Facilities:

Amreli District has been covered by Saurashtra University having Science, Law, Commerce and Arts faculties. There are 785 primary schools, 250 middle schools, 60 higher secondary schools, 6 I.T.I./Technical schools, 21 Colleges/other educational institutes and 2 Sanskrit schools in the district. Two ISO Certified education Institutions are established one for boys and one for girls. Courses are started in the district for education facility of B.Ed. faculty.

Technical Institutions & Vocational Training Facilities :

The role of educational and technical training institutes is very much vital for industrial development in the area. The details of technical education available in Industrial Training Institutes are as under.

1 Industrial Training Institute, Lathi

Sr.No.	Name of the Trade	Seats	Duration(Yrs)
1	Fitter	32	2
2	Wireman	16	2
3	Mech. Diesel	32	1
4	Welder	24	1
5	Computer Operator Cum Program.Assistant	20	1

2 Industrial Training Institute, Jafrabad

Sr.No.	Name of the Trade	Seats	Duration(Yrs)
1	Computer Operator Cum Program.Assistant	40	1
2	Cutting	16	1
3	Mech. Diesel	48	1
4	Fitter	32	2
5	Electrician	32	2

5.12 Employment Exchange:

Employment Exchange is the main linkage between employer and the unemployed youth for their placement and vocational guidance. Tables given below highlights the working of Employment Exchange.

Details of persons registered in the Employment Exchange as Under

Sr. No.	Educational Level	Men	Women	Total
1	SSC	3802	1304	6163
2	HSC	4304	3267	9199
3	B.Sc.	262	160	422
4	B. Com.	901	79	980
5	B. A	1316	1095	2411
6	B.Ed.	27	354	378
7	Diploma Holders	227	30	257
8	Artisans(Tech) ITI Trade Holder	2468	236	2705
9	Others	17	11	28
10	Un Educated	1349	204	1553
Total		14654	6737	21391

5.12 **Banking & Finance:**

Finance is the most important item for industrial development to meet the financial need of Junagadh district. A large number of banks are functioning under the lead bank scheme of Reserve Bank of India. State Bank of India has been assigned the role of co-coordinating the activities of various financial institutions for the development purpose of the district. It has so far prepared a number of action programme embracing all economic activities. The growth of financial institutions in any region is an important indicator of economic development and progress of that region. The capacity of people to generate and save money has a direct bearing on their economically being. This is reflected in the volume of operations handed by the various financial institutions operating in that area. The State Bank of India is the lead bank of the district, having its regional office at Amreli.

Commercial Banks:

There are 119 branches of comm... Banks in the district of which 55 are in semi urban area and 64 are in rural area, which also includes 2 satellite branches. The Saurashtra Gramin bank , sponsored by Lead bank i.e. State bank of India , is also operating in the distrct with 17 branches.

Co-operative Banks:

The Co-operative Banks have also made significant contributions to the district economy. The Amreli Dist. Co-operative banks have 59 branches inclusive of its head office at Amreli. Most of its branches are located in rural areas. The Gujarat State Agriculture & Rural Development co-operative bank ltd. has 10 branches at Head Quarter of each block. The Bhavnagar Dist Co.op. Bank has 7 branches in Savarkundla Taluka.

There are in all, 211 branches of commercial Banks, Co-op. Banks and R.R.B. operating in the district.

Chamber of Commerce, Amreli

Sr. No.	Name & Address	Phone No.
1	Amreli District Chamber of Commerce Patel Provision Store, 17, Indira Shopping Centre, Amreli	02792-223475
2	Amreli Chamber of Commerce B-3, Meera Arcade, Library Road, Amreli	9327907892
3	Savarkundla Chamber of Commerce Under Tower, Nadi Bazar, Savarkundla	9426276555
4	Bagasar Chamber of Commerce Madhav Residency, Nr. Dhanak College, Natwarnagar, Bagasara	02796-2222052
5	Rajula Chamber of Commerce Chakubhai Malabhai, Lathi Road , Rajula	02797-220592
6	Jafrabad Vepari Association Main Bazar , Jafrabad	9426852950
7	Dhari Chamber of Commerce Opp. S.T. Depo Dhari	9427428606

8	Vadia Chamber of Commerce Shingala Cold-drinks	9429078243
9	Kunkavav Chamber of Commerce Shreeji Traders, Garbi Chowk, Kunkavav	9925083127
10	Babra Chamber of Commerce Jalaram Auto Parts, Babra	9427240720
11	Lathi Chamber of Commerce Opp. Nagar Palika, Lathi	9328944589
12	Khambha Chamber of Commerce Ajmera Medical Store, Khambha	9904363550
13	Chalala Chamber of Commerce Dinesh Store, Tilak Chowk, Chalala	9879473222
14	Damnagar Chamber of Commerce Sardar Chok, Main Bazar, Damnagar	9327983221
15	Liliya Chamber of Commerce Navli Bazaar, Liliya	9428113525
16	Chital Chamber of Commerce Sardar Chok, Main Bazaar , Chital	9925573177
17	Vijpadi Chamber of Commerce Momai Jawlars , Main Bazar, Vijpadi	9824615655

Industrial Associations Amreli

Sr. No.	Name & Address of Industries Association	Phone No.
1	Amreli Small Industries Association Ghanshyam Tiles Industries 51, GIDC Amreli	02792-240360
2	Amreli District Diamond Association Bombay Market Heera Bazaar, Amreli	9426232032
3	Savarkundla Scale Association Ambica Hardware Mart, Shivajinagar, Savarkundla	02845-242883
4	Jinning Association Radheshyam Cotton Industries, Babra	9426219725
5	G.I/D.C. Association C/o Vaghaviya Fastners Plot No. 9 B, GIDC Babra	9426276689

STEPS TO SET UP MSMEs

Following are the brief description of different agencies for rendering assistance to the entrepreneurs

S.No.	Type of assistance	Name and address of agencies
1.	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)	District Industries Center (DIC) Raj Mahal Compound, Amreli
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	1) District Industries Center (DIC) Raj Mahal Compound, Amreli 2) (Br.) MSME-Development Institute (MSME-DI) 3 rd Floor, Annexe Bldg, Amruta(Jasani)Bldg. Premises, Nr. Girnar Cinema, M.G.Road, Rajkot 360001 3) MSME-Development Institute (MSME-DI) Harsiddh Chambers, 4 th Floor Ashram Road, Ahmedabad
3.	Land and Industrial shed	Gujarat Industrial Development Corporation(GIDC) 'Navsarjan'Opp: Swaminarayan Gurukul, Gondal Road, Rajkot

4.	Financial Assistance	1) Commercial Banks 2) Co-operative Banks 3) Small Industry Development Bank of India (SIDBI) Jayanti Bhavan ,1 st Floor, P.B.No. 10, Navjivan P.O. Ahmedabad 380 014
5.	For raw materials under Govt. Supply	The National Small Industries Corporation Ltd. (NSIC) 203, Samruddhi Bldg. Opp. Old High Court, Ahmedabad
6.	Plant and machinery under hire/purchase basis	The National Small Industries Corporation Ltd. (NSIC) 203, Samruddhi Bldg. Opp. Old High Court, Ahmedabad
7.	Power/Electricity	Paschim Gujarat Vij Company Ltd. (PGVCL) Nagnath Gate Amreli
8.	Technical Know-how	1) (Br.) MSME-Development Institute (MSME-DI) 3 rd Floor, Annexe Bldg, Amruta(Jasani)Bldg. Premises, Nr. Girnar Cinema, M.G.Road, Rajkot 360001 2) The National Small Industries Corporation Ltd. (NSIC) Aji Industrial Area, Bhavnagar Road, Rajkot 3) MSME-Development Institute (MSME-DI) Harsiddh Chambers 4 th Floor, Ashram Road , Ahmedabad

S.No.	Type of assistance	Name and address of agencies
9.	Quality & Standard	1) Bureau of Indian Standards (BIS) Aji Industrial Area, Bhavnagar Road, Rajkot 2) Bureau of Indian Standards (BIS) 'Pushpak', 3 rd Floor Khanpur Ahmedabad 3) Electronics & Quality Development Centre(EQDC) Electronics Estate, GIDC Gandhinagar 382 010
10.	Marketing/Export Assistance	1)(Br.) MSME-Development Institute (MSME-DI) 3 rd Floor, Annexe Bldg, Amruta(Jasani)Bldg. Premises, Nr. Girnar Cinema, M.G.Road, Rajkot 360001 2) The National Small Industries Corporation Ltd.(NSIC) Aji Industrial Area, Bhavnagar Road, Rajkot 3)MSME-Development Institute (MSME-DI) Harsiddh Chambers 4 th Floor, Ashram Road , Ahmedabad
11	Other Promotional Agencies	1)Centre for Entrepreneurship Development (CED) Block No. 1, 9 th Floor, Udyog Bhavan, Sector -11 Gandhinagar 382 017 2)Indo-German Tool Room (IGTR) Plot No. 5003, Phase-IV GIDC, Vatva Ahmedabad 380 445 3)Gujarat Industrial Technical Company (GITCO)GITCO House, Opp. Sardar Patel Stadium , Navrangpura Ahmedabad 380 009 4) CIPET , Plot No. 630, Phase IV GIDC, Vatva Ahmedabad 382 445 5) National Institute of Design (NID) Paladi, Ahmedabad 6)Industrial Extension Bureau (iNDEXTb) Block No. 18, 2 nd Floor Udyog Bhavan, Sector -11Gandhinagar 382 017

CHAPTER – VI

PRESENT INDUSTRIAL STRUCTURE

The economy of the district continues to be mainly agrarian. The main reason for the slow growth rate has been attributed to lack of entrepreneurship among the people. The people are reluctant to venture in the industrial sphere. Another reason for slow programmes of the industrial growth in the district is the absence of large scale units which are capable of creating sizeable number of ancillary and small scale units.

Though the district is characterized as agriculturally predominant, the SSI activity assumes to be important activity aimed at providing job opportunity to the work force in general. The financing under this sector cater the needs of rural artisans, cottage and tiny industries and small scale industries.

The district has been witnessing growth in industrialisation especially in talukas like Rajula and Jafraabad. Babra is another taluka where potential is for granite mining activities as also polishing activities in addition to processing units, cotton ginning etc. The district is endowed with natural resources like minerals especially the lime stone, and a long coastal line with port facilities. However, the basic essentials like water and power continue to be critical constrain for rapid industrialization.

The District Industries Centre, Amreli extends technology guidance, help for procurement of scarce raw material, uninterrupted power supply arrangement, marketing help, arrangement for sales tax and octroi benefits etc. In short, DIC takes care of various needs of the entrepreneurs in all respects.

The banks have been financing both term and working capital requirements of sub sectors of rural artisans, cottage and small scale industries under Government sponsored programmes.

1. SMALL SCALE INDUSTRIES :

Amreli district has not made much headway in the small scale industries sector, compared to the other districts of Gujarat. The performance of Amreli district is poor. Till recently, Groundnut, Oil Milling, Cotton Ginning and Pressing, Salt manufacturing were the only few industries worth mentioning. Till 1971, only 129 small scale units were registered with the industries department. Some development was seen subsequently by establishing small scale units for items like washing soap, ice and ice candy, wooden furniture, agricultural implements, cement article etc. The table showing the details of Small Scale Sector is given below.

A. Progress in SSI Registration

Year	No. of Registered stinu	Investment (Rs.in Lacs)	Employment	Cumulative		
				No. of Regd. units	Investment (Rs.in Lacs)	Employment
Up to 31.03.1999	4012	3969.18	15057	4012	3969.18	15057
1999-2000	270	1249.65	630	4282	5218.83	15687
2000-2001	270	199.70	449	4552	5418.53	16136
2001-2002	270	528.82	504	4822	947.35	16640
2002-2003	270	632.24	446	5092	6579.59	17086
2003-2004	101	187.17	143	5193	6766.76	17229
2004-2005	100	82.54	122	5293	6849.30	17351
2005-2006	100	619.07	183	5393	7468.37	17534
April -06 to Sept -07	55	317.23	134	5448	7785.60	17668
Total	5448	7785.60	17668	5448	7785.60	17668

B. Taluka Wise Distribution of Registered SSI Units

Sr. No	Name of Talukas	Up to March 2005	During the year 2005-06	April -20 06 to Sept - 2006	Cumulative Total Up to Sept.2006
1	Vadiya	453	4	2	459
2	Babra	252	1	6	259
3	Lathi	495	10	0	505
4	Liliya	133	8	0	141
5	Amreli	984	44	29	1057
6	Bagasara	423	1	0	424
7	Dhari	680	10	0	690
8	Savarkundla	1123	13	4	1140
9	Khambha	206	1	11	218
10	Jafarabad	201	-	3	204
11	Rajula	343	8	0	351
Total		5293	100	55	5448

C. SSI Registration by Group of Industries

Sr. No.	Category	Regd. Units up to March 2005	Units regd. During 2005-06	April – 06 to Sept – 06	Cum. Total Up to Sept. 2006
1	Food Industries	538	3	2	543
2	Tobacco Industries	2	-	-	2
3	Textile Industries	1455	3	1	1459
4	Wood Industries	520	-	1	521
5	Paper & Paper based Industries	23	2	-	25
6	Leather Industries	41	-	-	41
7	Rubber & its products	143	1	1	145
8	Chemical Industries	122	-	-	122
9	Glass, Clay & Cement Industries	146	-	-	146
10	Non-ferrous Industries	46	6	-	52
11	Ferrous Metal	856	4	3	863
12	Machinery	8	-	-	8
13	Electrical Machinery Equipment	99	-	-	99
14	Transport Machinery	51	-	-	51
15	Others	1243	81	47	1371
	Total	5293	100	55	5448

.38.

D. Details of Industrial Cooperative Societies Regd. in the District as under

Sr.No.	Type Of Industrial Co-Op.Society	Total Nos.Registered
1	Weavers	15
2	Leather Tanning	15
3	Clay Industries	-
4	Oil Mil	-
5	Handicrafts	26
6	Colour Painting	-
7	Woolen Galicha	-
8	Other Handicrafts	-
9	General Engineering	1
10	Salt	4
11	Bulding Construction	-
12	Women Co-operative	15
13	Others	6
14	Total	82

(E) Micro, Small & Medium Enterprises

Government of India under the Ministry of Micro, Small and Medium Enterprises have in October, 2006 enacted Micro, Small and Medium Enterprises Development Act 2006. Under the Act Micro, Small and Medium Enterprises are classified as under:

Enterprises	Investment in Plant & Machinery (Manufacturing)	Investment in Equipment (Service)
Micro	Up to Rs.25 lakh	Upto Rs.10 lakh
Small	Above Rs.25 lakh up to Rs.5 Crore	Above Rs.10 Lakh up to Rs.2 Crore
Medium	Above Rs. 5 crore up to Rs.10 crore	Above Rs. 2 crore upto Rs.5 crore

The small and medium enterprises as classified above are required to file Entrepreneurs Memorandum (EM) Part-I to District Industries Centre for starting an industrial project. On completion of the project, the entrepreneur concerned is required to file Entrepreneurs Memorandum (EM) Part-II. Earlier there was a system of granting registration to small scale industrial units by the District Industries Centre. These units are now required to file EM Part-II as Micro, Small or medium enterprises as classified above. Over a period of time, Gujarat has registered a sizeable growth of SME sector.

Following the enactment of the MSME Development Act from 2nd October, 2006, registration of all the MSMEs came within the purview of the Industries Commissioner ate.

Following tables presents the details of the of MSMEs Registrations in Amreli District from 2-10-2006 to 20/10/2015.

1)Year-wise Progress in MICRO, SMALL & MEDIUM ENTERPRISES Registration

1. (A) Progress in Micro Enterprises Registration:

Year	No. of Regd. Units	Investment (Rs.In Lacs)	Employment
02/10/06 To 31/03/2007	3	19.00	22
2007-08	51	604.10	824
2008-09	32	249.00	330
2009-10	104	271.00	415
2010-11	137	601.05	773
2011-12	160	751.19	1357
2012-13	156	1877.43	2098
2013-14	145	1161.87	786
2014-15	141	1059.67	805
2015-16 up to 20.10.2015	107	861.13	573
Total	1036	7455.29	7983

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1. (B) Progress in Small Enterprises Registration:

Year	No. of Regd. Units	Investment (Rs. In Lacs)	Employment
02/10/06 To 31/03/2007	6	519.00	155
2007-08	22	1902.00	395
2008-09	24	1885.90	505
2009-10	22	1918.00	638
2010-11	14	1363.00	381
2011-12	13	1221.00	239
2012-13	33	4654.64	745
2013-14	25	7381.50	654
2014-15	25	5051.80	267
2015-16 up to 20.10.2015	15	2087.63	151
Total	199	27984.47	4130

1. (C) Progress in Medium Enterprises Registration:

Year	No. of Regd. Units	Investment (Rs. In Lacs)	Employment
02/10/06 To 31/03/2007	-	-	-
2007-08	2	856.00	83
2008-09	1	555.00	11
2009-10	-	-	-
2010-11	-	-	-
2011-12	-	-	-
2012-13	1	1165.00	11
2013-14	1	862.33	40
2014-15	-	-	-
2015-16 up to 20.10.2015	1	1350.00	25
Total	6	4788.33	170

(D) Udyog Aadhaar Memorandum:

As a part of Ease of Doing Business now Enterprise acknowledgements are made further simpler and easy under MSMED Act 2006. Now, Ministry of MSME has notified a one-page Udyog Aadhaar Memorandum (UAM) through the Gazette of India on 18/09/2015. The simplified one page registration form (Udyog Aadhaar Memorandum) was prepared after wide consultations with States/UTs and other stakeholders. The UAM replaces the filling of EM Part I & II.

Udyog Aadhaar Memorandum on <http://udyogaadhar.gov.on> or National Portal <http://msme.gov.in/UA/UdyogAadhar-New.aspx>

The procedure for filling of Udyog Aadhaar Memorandum is as under:

- 1) There is no any fee for filling of Udyog Aadhaar Memorandum
- 2) Udyog Aadhaar Memorandum shall be filed online at <http://udyogaadhar.gov.on> or National Portal <http://msme.gov.in/UA/UdyogAadhar-New.aspx> by every MSME but in exceptional cases where online filing is not possible for any reason, a hard copy of the form as in Annexure I, duly filled in may be submitted to the Concerned DIC which shall file the UAM on behalf of such enterprise.
- 3) Udyog Aadhaar Acknowledgement as per Annexure II appended to this shall be generated and mailed to the email address provided in the Udyog Aadhaar Memorandum which shall contain Unique Udyog Aadhaar Number.
- 4) Existing enterprises, which have filed EM –I or EM-II or both, or holders of Small Scale Industry registration, prior to the coming into force of MSME Development Act, 2006 shall not be required to file Udyog Aadhaar Memorandum.
- 5) In UAM, the Aadhaar Number shall be of the managing partner, in case of proprietary enterprise, of the authorized partner, in case of partnership enterprise, and of the authorized person, in case of other forms of enterprise.
- 6) There shall be no restriction on filling more than one UAM using the same Aadhaar Number.
- 7) The Udyog Aadhaar Memorandum shall be filed on self-declaration basis, and no supporting document is required to be uploaded or submitted while filing the UAM. But the authorized person by any Government in this behalf may seek documentary proof of information provided in the Udyog Aadhaar Memorandum, wherever necessary.

Total No. of Udyog Aadhaar Memorandum Registered in the District as Under

District Name	Udyog Aadhaar Regd.	Micro	Small	Medium
AMRELI	237	189	46	2

(E) Large/Medium Scale Industries/Public Sector Undertakings

List of the units in Amreli & Near By Area

1. Ultratek Cement Co.Ltd.Amreli
2. Alcock Asdown Gujarat Ltd. Amreli
3. Pipavav Port Ltd. Pipavav, Amreli
4. Ultratek Cement Co. Ltd.At.Babarkot, Ta. Jafrabad Dist. Amreli
5. Pipavav Ship Yard Ltd. At, Kovaya, Ta. Rajula, Dist. Amreli
6. Narmada Cement Co. Ltd. Jafrabad
7. Larsen & Toubro Cement Co. Ltd. At, Kovaya, Ta. Rajula, Dist. Amreli
8. Dharmashi Morarji Chemicals , Dhati.
9. Gujarat State Co-op.Marketing Federation Solvent Plant, Amreli.
10. SHV Energy Pvt. Ltd. Babra.

These units have contributed to a great extent in the industrial development of Amreli district and provided job opportunities to the people of Amreli district. The stage is now set for further industrial development of the coastal belt of the district.

5.3 ACTION PLAN FOR MSME SCHEMES.

Sr. No.	Name of the Scheme	Proposed activity on the Scheme
1.	MSE-CDP	Nil
2.	ISO-9000/14000/HACCP reimb.	Nil
3.	MSE-MDA	Nil
4.	CLCSS	The units situated under the jurisdiction of MSMEDI, Ahmedabad will be motivated for obtaining the benefit of CLCSS Schemes, Capacity Building and International Co-operation Schemes.
5.	Capacity building & strengthening of data base	
6.	International co-operation	
7.	Tread for Women	The women NGO's will be motivated in various programmes/schemes to get benefit under the Tread scheme.
8.	VDP	Nil
9.	National Awards	The deserve entrepreneurs will be motivated to participate in the National Award Scheme
10.	NMCP Schemes	
	1.Lean Manufacturing	Nil
	2. Design Clinic	Nil
	3. Market Assistance & Tech.upgradation	Nil
	4. QMS/QT	Nil

	5. Tech. & Quality up gradation support	1. The awareness programmes for MSME will be organized in association with PCRA, BEE on energy efficient Technology.
		2. The awareness programmes for MSMEs on product certification will be organized with BIS,BEE
	6. ICT	Awareness topics will be covered during Awareness programme during MSME schemes. Programme of Bar Code in association with local DIC and Associations will be organized during the current year.
	7. Bar Code	
	8. IPR	The entrepreneurs will be motivated to obtain IPR
	9. Incubator Scheme	The entrepreneurs will be motivated to participate under the Incubator Scheme of the DC, MSME.

5.4 Training Facilities:-

The Centre for Entrepreneurship Development imparts training to prospective industrial entrepreneurs. DRDA also arrange training programme to impart training to SGSY Rogueries. DIC undertakes training programme for PMEGP beneficiaries.

5.5 Finance Assistance

The Corporation has no source of fund for financing or scheme to provide direct help or finance assistance to the artisans. The Corporation can avail the facility of lone/ subsidies through Budgetary provision of Commissioner of Cottage Industries for various development as well as marketing activities. Marketing support scheme is with a view to give marketing support to artisan. Corporation has the activity like Exhibition cum sale in its emporia or outside premises, opening of new emporia at places of marketing opportunities, organizing rural meals to give fillip to products or rural artisans, who find it difficult to sell their products otherwise.

5.6 Raw Material Support:-

Corporation provides raw material for production to certain extent and procure the products with view to support the poor artisans, who face difficulty to invest the quality raw material.

5.7 Training & Design Inputs:-

Corporation provides skill up gradation to artisans under various skills up gradation programme of the State as well as Govt. of India, from time to time. Also provides design inputs to make the products more appealing and contemporary and acceptable in the present day market.

5.8. Major Exportable Item:

Nil

5.9. Vendorisation / Ancillarisation of the Industry:

Nil

5.10 General Issues raised by industry association during the course of meeting

1. The region is deprived off needed infrastructural facility like road & Railway connectivity.
2. It is a hard fact that MSMEs are the least preferred entities while allowing financing at the reasonable rates. The major chunk of banking finance goes to major corporate houses. This need to be improved at once in the favour of MSMEs.
3. The region is having very low awareness towards policy changes. However the various departments are doing their efforts but still those efforts need to be enhanced.
4. A special status should be given with various incentives to Amreli District to make the region catch up with the development of other areas.
5. The administrative steps are also hampering the growth of industrial development. There are various problems to MSME on administrative clearance. So many NOC are required from irrelevant departments which need to be curtailed.

6. Major issue raised by the associations is that there is no uniformity in the prevailing time period of inspection /audit /verification of records of employers by various Govt. departments under provision of various Acts. For example, in ESIC, it is 5 years. In Central Excise, it is 5 years. In minimum Wages Act, it is 3 years. In Companies Act and Income Tax department, it is 8 years. In E.P.F., there is no limit. This is very strange. They have suggested that for all govt. departments, a unique time limit should be fixed for better compliance; streamline smooth functioning of departmental procedure. Therefore, statutory duration & period to preserve records must be common and unique under all laws. Associations also suggested that at present, various taxes are levied and additional taxes are also levied which vary from item to item. The small industries under MSME have confusion under various tax structures which needs to streamline like other countries.
7. Some of the problems faced by the MSM units are mentioned as below.
Shortage of working capital funds, deficiencies in infrastructure facilities, scarce raw material and skilled Availability of potable water and water for industrial use poses a problem. High cost of plots, as a result of high purchase prices are also a constraint in industrial development.

CHAPTER VII

NEW INDUSTRIAL POSSIBILITIES

Introduction:

The Industrial Potentialities of an area would be related to (a) The resources of the area or (b) the local Demand or (c) some special conditions obtained in the area. The first two sources of Industrial potentialities are self-explanatory. The third source of Industrial Potentialities as mentioned above relates to factors which do not have universal applicability but, special to a particular area. These factors may be (a) historical accident (b) product oriented infrastructural facilities and so on.

Amreli district offers good scope for entrepreneurs to establish new industrial units for manufacturing various products. Human resource particulars of skilled laborers are essential. Entrepreneurial talent among the local people to harness the resources is also considered to be the important factor. Material resources such as agriculture, horticulture, livestock, minerals forest etc. should be taken in to consideration.

Infrastructure plays an important role in the industrial development of an area. The industrial development is an ongoing process. The development of infrastructure is also very essential and should be a continuous process. The industries have been suggested on resources available in the area. Agro based industries, Livestock based industries as well as mineral and marine based industries have good scope. In addition, many market oriented items can also be taken in the district.

I RESOURCE BASED INDUSTRIES

(A) Food Processing & Agro Based Industries:

The district has very fertile land for agriculture. Groundnut being the major produce, value addition products on the same could also be explored. Besides groundnut, cotton, sugar cane, wheat, sesame, castor are the major crops. Therefore, following Agro-based and Food Processing industries have scope in the district.

Sr. No.	Description	NIC- 2004 Code
1	Fruit Canning	15137
2	Rice Mill	15312
3	Oil Mill	15141
4	Pickles	15136
5	Pulse Mill	15313
6	Sugar Mills	15421
7	Paper Mill/Printing Press	22211
8	Fruit Juices & Squashes	15134
9	Caster Oil	15142
10	Cattle Feed	15331
11	Namkeen	15316
12	Biscuits	15412
13	Dal Mill	15313
14	Tuti Fruity from Papaya	15134
15	Bakery	15419
16	Instant Mix e.g. Gulab Jamun mix, Dahi Vada mix etc.	15318
17	Mango Juice	15134
18	Mango Powder	15134
19	Besan Mill	15311
20	Groundnut Roasting	15492
21	Groundnut Oil	15142
22	Ice Cream	15205
23	Spice Powder	15134
24	Mamara/pova	15319
25	Pop Corn	15497
26	Potato Wafer	15499
27	Onion and Garlic Dehydration	15132
28	Dhana Dal	15313
29	Makai Poha	15315
30	Papad	15496

(B) Mineral based Industries:

The minerals are the main stay resources in the district and the backbone of the economy of the district. Many industries like cement, white cement etc. have been developed in the district particularly in the large scale sector providing employment to hundreds of people in the district.

Sr. No.	Description	NIC- 2004 Code
1	Stone Crushing	14106
2	Bricks	26933
3	Quarry Stone	14102
4	Mining, Querying & Grinding of Lignite	10203
5	Off Shore Extraction of Petroleum	11101
6	On Shore Extraction of Petroleum	11102
7	Off Shore Extraction of Natural gas	11103
8	Mining of Aluminum ores	13203

After utilization of these resources by the present industries, scope exists for their further utilization in the district for various industrial purposes. The following mineral based industries have potentialities for development in the district.

The district has been witnessing growth in industrialization especially in talukas like Rajula and Jafrabad. Babra is another taluka where potential is available for granite. The district is endowed with natural resources like minerals especially lime stone and a costal line with port facilities.

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(C) Live Stock based industries

Sr. No.	Description	NIC- 2004 Code
1	Bone Mill	15331
2	Tannery Industry	19113
3	Poultry Farm	01222
4	Leather Footwear	19201
5	Leather Decorative Items	19122
6	Toys and Handicrafts from horns	19129
7	Wall Works	19129
8	Dairy	15201

(D) Forest based Industries

Sr. No.	Description	NIC- 2004 Code
1	Saw Mill	20201
2	Wooden Furniture	36101
3	Handicrafts	17132
4	Herbal Plantation	01117
5	Wooden tools	20299
6	Plywood Chests	20232
8	Mosaic Tiles	26921
9	Emery Powder	14292

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(E) Marine based Industries

Sr. No.	Description	NIC- 2004 Code
1	Iodized Salt	24298
2	Salt Cake	14222
3	Salt mining	14221
4	Salt common	24298
5	Salt Crystal	24298
6	Salt Rock	14221
7	Canning of Fish	15124

(F) Plastics

Sr. No.	Description	NIC- 2004 Code
1	PVC Doors & Windows	25209
2	Storage Water Tank	25209
3	Injection Moulded Items	25206
4	LDPE / HDPE Film Bags	25204
5	PVC Reinforced Suction Pipe	25209
6	Polyphone Bags	25204
7	Plastic Toys	36941
8	Surgical and Industrial Gloves	33115
9	Electrical & Electronics Accessories Parts	25209
10	Fishing Nets	17235
11	Nylone Monofilament Yarn	17114
12	Rigid Polyethene Pipes	25209

II DEMAND BASED INDUSTRIES

As Amreli district is rich in agriculture, there is enough scope for manufacturing agricultural implements and items as detailed under industry wise:

1. Agriculture Implements:

There has been all round emphasis on the development of agriculture during the Five year Plan. As a result, farmers are going for mechanized methods of farming and demand for agricultural implements is increasing day by day. There is scope for new units in this in view of rising trend in the use of these implements. Major

Agriculture Implements based industries are as under .

1	Harvestor	29110
2	Dusters	29211
3	Cultivator	29212
4	Cutting Machines	29211
5	Tractor	29211
6	Light Agricultural Machinery	29212

2. Readymade Garments: (NIC-2004 – 18109)

The demand for readymade garments has substantially increased over a period of time in urban and rural areas. Local priced readymade garments are very popular in the rural areas. Keeping in view the potential local market and labour intensive character of the industry, few units can be encouraged.

3. Household Oriented Industries: (NIC-2004 – 25207)

With the growth of population, increase in the standard of living, process of urbanization and above all the demonstration effect have lead to be substantial increase in the household items. These items are aluminium containers, trays, school boxes, lunch boxes, stainless steel plates etc. These units can be set up in the district.

4. Steel Furniture: (NIC-2004 – 36102)

Steel Furniture items such as Chairs, Tables, Stools, Wall Racks, etc., have opportunities for new entrepreneurs. Steel furniture has almost become a mass consumption item consumed not only by offices, factories, hospitals and other institutions but also by common households with the increase of population and the rise in the standard of living of people. The demand for steel furniture is bound to increase continuously.

5. Industrial Paints: (NIC-2004 – 24222)

Industrial Paints are used a coating to prevent corrosion of various materials used in machinery, equipment etc. There is good scope for manufacture of this item.

6. Bakery: (NIC-2004 – 15419)

Bakery Products such as bread, paav bun, toast, biscuits etc., are largely consumed by the population. There is good scope for semi -mechanized bakery in the Taluka level to cater the needs of population in the taluka.

7. Exercise Note Book: (NIC-2004 – 22212)

Book binding and manufacturing of exercise note books can be undertaken in an organized manner. The demand for exercise books is on the increase on account of increase emphasis being accorded for imparting education to the students in the rural areas.

8. Tyre Retreading: (NIC-2004 – 25114)

The increase of vehicles has simultaneously increased the demand for use of tyres. This increase is beyond to continue in future also. Tyre retreading in the service sector would be an ideal venture for new entrepreneurs.

9. Corrugated Paper Boxes: (NIC-2004 – 25207)

The demand for packing material such as corrugated paper boxes is closely related to industrial development with the increasing industrial activities, the demand for such boxes has increased considerably. Manufacture of corrugated paper boxes is a promising line for new entrepreneurs.

10. PVC Conduit Pipes: (NIC-2004 – 25206)

These items are required in huge quantities for electrification, in view of increase in construction and electrical wiring. PVC Conduit Pipes can also be considered for development in the district to meet wiring needs.

11. Voltage Stabilizers (Automatic): (NIC-2004 – 33121)

Excessive voltage variation is a constant hazard to electrical and electronic equipment like television, refrigeration, air conditioner and other sophisticated electronic research laboratory equipment. There is a good demand of production of this item in the small scale units.

12. Cold Storage: (NIC-2004 – 63022)

In modern world, cold storage industry has become most essential. Industrialists should come forward in this direction as cold storage requirement would increase due to huge production of fruits, vegetables, fishes and other agro products in Bharuch district.

13. Bolts and Nuts: (NIC-2004 – 28991)

These items are required in huge quantities for assembling and repairing of vehicles etc. few units can be set up in Amreli district. Manufacturing units for general hardware (NIC-2004 – 28939) such as saws & saw Blades, drills, punches, milling cutters, cutting blades Etc. can also be set up in.

III Small Manufacturing/Service/Business Enterprises:

The development of this sector depends on the overall economic development of the region. The main components of this sector are professional and self employed persons, retail trade and small business, road transport operators etc. The banks are providing credit for term loan and working capital under their direct scheme as Govt. sponsored programme. Due to establishment of medium/large industries in the district, there is scope of employment in service type industries.

Potentials areas for service industry: Details of various Service activities are as under.

Sr. No.	Description	NIC- 2004 Code
1	Xerox Centre	74993
2	Computer Job Work & Training Centre	72300
3	Cyber Café, Network, E-mail Service, Internet Service	72901
4	Mobile Phone Service	64202
5	Courier Service	64120
6	Automobile Spares, Service and Repairs	50404
7	Video Library	92312
8	Circulating Library	92312
9	Coaching Classes	80902
10	Beauty Parlours	93020
11	Flour Mills	15311
12	Repairing of Electrical & Electronic Equipments	52603
13	Steel Fabrication	28112
14	Electric Motor Repairing	31108
15	Laundry and Dry Cleaning	93010

16	Caterers and Decorators	555204
17	Fast Food and Snack Parlour	55209
18	Ice Cream Parlour	55206
19	Pathology Laboratory	85195
20	Pest Control	74930
21	Provision Stores	52110
22	Stationery Stores	52396
23	Tailoring Shop	18105
24	Advertising Agency	74300
25	Installation and Operation of Cable Network	64204
27	Bore well Repairing	29128
28	Computerized Wheel Balancing	50200

General Issues raised by industry association during the course of meeting.

The district is facing acute water scarcity due to poor rainfall in last 2/3 years. The district falls under rain fed and dry land area. Agriculture is the major activity accounting for almost 90% of the ground level credit. Although, the district has seen reasonably good industrial development in the recent past, the development is not much appreciable.

Diamond industry ranks second in terms of providing employment to about 60000 persons and about 60000 household families depend entirely on this industry for their survival. Today there is about 2470 unit's employment to over half a million people.

Imposition of excise duty on ceramic units whose turnover is more than Rs. 1 Crore has directly adversely affected cost of production .The industry was already very competitive with China for the last few years on account of cost effectiveness and Govt. protection.

CHAPTER – VIII

CONCLUSION

District Industrial Potentiality Survey Report of Amreli district consists of Eight Chapters. An effort has been made to compile the important statistics on population data, statistics on resources and infrastructure facilities.

There has been specific focus on the present industrial structures of the district in respect of Micro, Small and Medium Enterprises and Large scale industries.

The report also indicates the new industrial potentialities in the district covering resource based, demand based and ancillary industries in the district. Amreli district offers good scope for entrepreneurs to establish new industrial units for manufacturing as well as service based industries.

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