



**BREIF INDUSTRIAL POTENTIALITY REPORT
OF
KHEDA DISTRICT
(2012-13)**

Prepared by

T.K.SOLANKI

Assistant Director (STAT.)



MSME- DEVELOPMENT INSTITUTE

GOVERNMENT OF INDIA

Harsiddh Chambers, 4th Floor,

Ashram Road, Ahmedabad-380014

Ph: 079-27543147/27544248

E-mail: dcdi.ahmbad@dcmsme.gov.in

Website: www.msmediaahmedabad.gov.in

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.

Kheda district is famous by the name " Golden Leaf" since many decade it a major producer of tobacco in Gujarat State. Moreover, it has strong base of cotton cultivation specifically in Nadiad. Nadiad taluka is the main industrial center in the district, centrally concentrated industries like Textiles, Paper, Electrical equipments and Food Processing. Ceramics, Plastic and its products, Cement and Gypsum manufacturing industries are up coming in the industrial sector and there is great potential of further development in the district. Matar taluka has abundant reserves of natural gas.

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 Kheda district by using various vital and useful statistics and information collected from the various State Government Departments and agencies. Sh. K.B.Thesia, Assistant Director Gr. I (Stat.) has immensely helped him to prepare this report qualitatively and in the specified time period.

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
July, 2012

(ARVIND PATWARI)
DIRECTOR

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Sl. No.	Name & Addresses of Office	Contact No.
1	District Industries Center, Pij Road, Nadiad.	0268-255003
2	District Agriculture Office, Jilla Panchayat, Nadiad.	0268-2550912
3	District Forest Office, Nadiad.	0268-2550316
4	District Animal Husbandry Office, Nadiad.	0268-2526607
5	District Statistical Office, Jilla Panchayat, Nadiad.	0268-2550903
6	Gujarat Industrial Development Corporation (GIDC), Mogri Road, Nr. Water Tank, V.V. Nagar.	02692-2581816
7	Office of the Sr. Geologist & Mines, Nadiad.	0268-2562989
8	BSNL, Pij Road, Nadiad	0268-2566680

INDEX

CHAPTER No.	DESCRIPTION	PAGE NO.
1.	District At A Glance	1 to 4
2.		
3.	District Profile	
4.	Principal Resources	
5.	Basic Infrastructure Facilities	
6.	Present Industrial Structure	
7.	Prospects of Industrial Development	
8.		

Brief Industrial Profile of Kheda District

1. General Characteristics of the District

1.1 Location & Geographical Area:

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

1.2 Topography:

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

Kheda district is famous by the name "Golden Leaf" since many decade it a major producer of tobacco in Gujarat State. Moreover, it has strong base of cotton cultivation specifically in Nadiad. Nadiad tehsil is the main industrial center in the district, centrally concentrated industries like Textiles, Paper, Electrical equipments and Food Processing. It is one of largest corrugated boxes in the country with Core Emballage Ltd unit presently in the district. Ceramics, Plastic and its products, Cement and Gypsum manufacturing industries are up coming in the industrial sector. There is great potential of further development in the district. Matar tehsil has abundant reserves of natural gas. Shell India has its bottling and filling plant in the district for Oil and natural gas.

1.3 Availability of Minerals:

A) Description:

There are various types of minerals available in different tehsils of the district, which are further classified into two categories as major and minor minerals. In major minerals group Bauxite Quartz, and Laterite are found in Taiyabpura, Salod, Sorna, Savli and Mirapur villages of Kapadvanj tehsil, Dakor, Amrutpura and Porda Villages of Thasra tehsil. Besides, Quartz is also found in Bharodi, Bar, Limbarvada, Bhatoda, Saradiya, Viraniya villages and in Virpur town of Virpur tehsil of the district.

In Minor Minerals group Bentonite is found in Kapadvanj town, Mirzapur and Mahmmadpura villages of Kapadvanj tehsil. While Limestone is found in Balasinor town , Dolatpura, Gadhavada, Jothodli and Karanpura villages of Kapadvanj tehsil.and, in Rozva and Handiya villages of Tahsra tehsil. Granite and Quartzite are also found in Balasinor town, Dolatpura, Gadhavada, Jotholi, Karanpur, Sarvaiya and Naspur villages of Balasinot tehsil. And, in Angadi, Rustampura, Pali and Sonpur villages of Tahsra tehsil. Black Trap is found in Danadara, Vadala and Mal Itadi villages of Kapadvanj tehsil and, Othwad village in Balasinor tehsil and, it is also found in Pali, Sevaliya, Angadi, Rustampura and Sonipur villages in Thasra tehsil. While, Sand\Gravel is found in Mehmadabad town, Raska, Khatraj and Mankva villages of Mehamdabad tehsil, Sarkhej, Sahpur, Bhatara, Pato, Khadal and Ratanpur villages and Kathlal town in Kathlal tehsil and Bilodara, Manjipura and Alajada villages of Nadiad tehsil. Moreover, quartzite mineral is also found in Bar, Limbarwada, Bhatod, Satniya and Viranya villages and in Virpur town of Virpur tehsil.

B) PRODUCTION OF MINERALS 2010-11

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

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

1.4 Forest:

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

1.5 Administrative Set Up:

Nadiad town is the District Headquarter for the administration of Kheda district. Besides, there are other talukas namely Balasinor, Kapadvanj, Kathlal, Kheda, Mahudha, Matar, Mehmadvad, Thasra and Virpur. There are total 10 talukas and 620 villages in the district.

Collector office is situated in Nadiad town which looks after the administration of the whole district. Besides there are 10 municipalities and total 559 village panchayats including some group panchayats look after the administration at local levels and cooperates to the district headquarter for strengthening the economic growth of the district.

2. District at a Glance:

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

A.	Cattle			
	i) Cows	2007	Nos.	
	ii) Buffaloes	2007	Nos.	
B.	Other Livestock			
	i) Goats	2007	Nos.	
	ii) Pigs	2007	Nos.	
	iii) Dogs & Bitches	2007	Nos.	
	IV) Railways			
	i) Length of rail line		Km.	187
	V) Roads			
	(a) National Highway	2010-11	Kms.	205
	(b) State Highway	2010-11	Kms.	508
	(c) Main District Highway	2010-11	Kms.	182
	(d) Other District & Rural Roads	2010-11	Kms.	44
	(e) Rural road/Agriculture Marketing Board Roads	2010-11	Kms.	66
	(f) Kachcha Road	2010-11	Kms.	Nil

	(VI) Communication	2010-11		
	(a) Telephone Connection		No.	
	(b) Post Offices(including GPO, Sub Post Offices , Branch Post Offices & Telegraph Offices)		No.	310
	(c) Telephone Center(Exchange)		No.	90
	(d) Density of Telephone		No. per 1000 person	
	(e) Density of Telephone		No. per km.	
	(f) PCO Rural		No.	
	(g) PCO STD		No.	
	(h) Mobile		No.	
	(VII) Public Health			
	(a) Allopathic Hospital (Govt.)	2010-11	No.	1
	(b) Beds in Allopathic Hospitals	2010-11	No.	
	(c) Ayurvedic Hospitals	2010-11	No.	
	(d) Beds in Ayurvedic Hospitals	2010-11	No.	
	(e) Unani Hospitals	2010-11	No.	

	(f) Community Health Centers	2010-11	No.	12
	(g) Primary Health Centers	2010-11	No.	51
	(h) Dispensaries	2010-11	No.	52
	(i) Sub Health Centers	2010-11	No.	
	(j) Private Hospitals (Incl. others)	2010-11	No.	11
	(VII) Banking Sector			
	(a) Commercial Bank		No.	144
	(b) Rural Bank		No.	
	(c) Co-operative Bank		No.	
	(d) PLDB Branches		No.	NA
	(IX) Education	2010-11		
	(a) Primary School		No.	1655
	(b) Middle School		No.	251
	(c) Secondary & Senior Secondary Schools		No.	204
	(d) Colleges		No.	45
	(e) Technical University		No.	01

2.1 Existing Status of Industrial Areas in Kheda District:

Sl. No.	Name of Indl. Area	Land acquired (Hec.)	Land Developed (Hec.)	Prevailing Rate per Sq. Mtr. (Rs.)	No. of Plots	No. Of Allotted Plots	No. of Vacant Plots	No. of Units in Production
1	Nadiad	14.81.00	14.81.00		75	75	0	72
2	Thasra	08.16.46	08.16.46		05	05	0	22
3	Kapadvanj	10.84.00	10.84.00		07	07	0	37
4	Balasinor	25.90.00	25.90.00		22	22	0	37
5	Matar	11.52.35	11.52.35		00	00	0	00
	TOTAL	71.23.81	71.23.81		109	109	0	168

Source: GIDC, VU Nagar.

2.1 (B) Telecommunication Infrastructure:

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

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

3. INDUSTRIAL SCENARIO OF KHEDA:

3.1 Industry at a Glance

Sl. No.	Head	Unit	Particulars
1	REGISTERED INDUSTRIAL UNIT	No.	
2	TOTAL INDUSTRIAL UNIT	No.	
3	REGISTERED MEDIUM & LARGE UNIT	No.	
4	ESTIMATED AVERAGE NO. OF DAILY & WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	No.	
5	EMPLOYMENT IN LARGE & MEDIUM INDUSTRIES	No.	
6	NO. OF INDUSTRIAL AREA	No.	
7	TURNOVER OF SMALL SCALE INDUSTRIES	No.	
8	TURNOVER OF MEDIUM & LARGE SACLE INDUSTRIES	No.	

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT (No.)	INVESTMENT (Lakh Rs.)
Up to	1984-85	3749	29112	3365.94
	1985-86	4023	30592	3388.50
	1986-87	4309	32614	3922.74
	1987-88	4642	34393	4215.68
	1988-89	4990	35565	4512.41
	1989-90	5336	36685	4805.71
	1990-91	5767	38386	5239.16
	1991-92	6282	40690	5918.53
	1992-93	6895	42934	6350.90
	1993-94	7506	44910	6838.38
	1994-95	8127	46768	7630.60
	1995-96	8757	48184	8359.19
	1996-97	9387	49457	8917.80
	1997-98	10057 *	51054	9738.58
	1998-99	5068	18320	5248.90
	1999-2000	5519	19271	6007.30
	2000-01	5960	20096	6357.99
	2001-02	6181	20581	6822.49
	2002-03	6631	21433	6997.20
	2003-04	7057	22090	7183.65
	2004-05	7482	22665	7605.36
	2005-06	7893	23238	8090.68
	2006-07	8186 *up to 30/09/06	25055	13984.00
	2006-07	15 * From 02/10/06 to 31/03/07	334	1339.00
	2007-08	212	3880	7692.10
	2008-09	125	2409	6142.00
	2009-10	134	2219	8634.00
	2010-11			
	Total			

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

Source: DIC, Kheda.

3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN GANDHINAGAR DISTRICT:

NIC CODE	TYPE OF INDUSTRY	No. Of UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMENT
20	Agro based			
22	Soda Water			
23	Cotton Textile			
24	Woolen, silk & artificial Thread based clothes			
25	Jute & Jute based			
26	Readymade garments & Embroidery			
27	Wood/wooden based furniture			
28	Paper & Paper products			
29	Leather based			
30	Rubber, Plastic & Petro products			
31	Chemical & Chemical based			
32	Mineral based			
33	Metal based(Steel Fabrication)			
35	Engineering Units			
36	Electrical Machinery & Transport Equipment			
97	Repairing & Servicing			
01	Others			
	Kachori Making			

Source: DIC, Kheda.

3.4 Large Scale Industries/Public Sector Undertakings.

List of units in Kheda district and nearby Area.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.

3.5 Major Exportable Items:

3.6 Growth Trend:

3.7 Vendorisation/Ancillarisation of the Industry:

3.8 Medium Scale Enterprises:

3.8.1 List of Units in Kheda & nearby Area:

3.8.2 Major Exportable Items:

3.9 Service Enterprises:

3.9.2 Potential Areas for Service Industry:

3.10 Potential for New MSMEs:

4. Existing Clusters of Micro & Small Enterprises:

4.1 DETAILS OF MAJOR CLUSTERS

4.1.1 Manufacturing Sector:

4.1.2 Service Sector:

4.2 DETAILS OF IDENTIFIED CLUSTERS:

4.2.1 Name of the Cluster:

1	Principal Products Manufactured in the Cluster	
2	Name of the SPV	
3	No. of functional units in the Cluster	
4	Turnover of the Cluster	
5	Value of Export by the Cluster	
6	Employment in the cluster	
7	Average investment in Plant & Machinery	
8	Major Issues/requirement	
9	Presence of capable institutions	
10	Thrust Areas	
11	Problems & constraints	

Present Status of the Cluster:

4.2.2 Name of the Cluster:

1	Principal Products Manufactured in the Cluster	
2	Name of the PSV	
3	No. of functional units in the clusters	
4	Turnover of the Clusters	
5	Value of Exports from the Clusters	
6	Employment in Cluster	
7	Average investment in Plant & Machinery	
8	Testing Needs	
9	Thrust Area	
10	Access to Export Market	

PRESENT STETUS OF THE CLUSTER:

4.2.3 Chemical Cluster:

1	Principal Products Manufactured in the Cluster	
2	Name of the Association	
3	No. of functional units in the clusters	
4	Turnover of the Clusters	
5	Value of Exports from the Clusters	
6	Employment in Cluster	
7	Average investment in Plant & Machinery	
8	Major Issues/requirement	
9	Access to Export Market	

4.2.4 Fabrication and General Engineering Cluster:

1	Principal Products Manufactured in the Cluster	
2	Key Trade Association's Address	
3	No. of functional units in the clusters	
4	Turnover of the Clusters	
5	Value of Exports from the Clusters	
6	Employment in Cluster	
7	Average investment in Plant & Machinery	
8	Testing Needs	
9	Major Issues	
10	Access to Export Market	

4.2.5 Name of the Cluster:

1	Principal Products Manufactured in the Cluster	
2	Name of the Association	
3	No. of functional units in the clusters	
4	Turnover of the Clusters	
5	Employment in Cluster	
6	Average investment in Plant & Machinery	
7	Major Issues/requirement	
8	Access to Export Market	

PRESENT STATUS OF CLUSTERS:

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

6. PROSPECTS OF TRAINING PROGRAMMES DURING 2012-13:

Sl. No.	Name of Programme	Subject	No. of proposed programme to be conducted
1	ESDP		
2	MDP		
3	BSDP		
4	EDP		
5	IMC		

7. Action Plan for MSME Schemes during 2012-13

Sl. No.	Name of the Scheme	Proposed activity on the Scheme
1	MSE-CDP	
2	ISO-9000-14000 HACCP reimbursement	
3	MSE-MDA	
4	CLCSS	
5	Capacity Building & strengthening of data base	
6	International Co-operation	
7	Tread for Women	
8	VDP	
9	National Awards	
10	NMCP Schemes	
	I. Lean Manufacturing	
	II. Design Clinic	
	III. Marketing assistance & Tech. up gradation	
	IV. QMS\QTT	
	V. Tech. & quality up gradation support	
	VI. ICT	
	VII. Bar Code	

	VIII. IPR	
	IX. Incubator Scheme	

8. STEPS TO SET UP MSMEs

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

Sl. No.	Type of Assistance	Name & address of the Agencies
1.	Provisional Registration Certificate (EM-I) & Permanent Registration Certificate (EM-II)	General Manager, District Industries Centre, Nr. Vallabhnagar Socy., Peej Road, NADIAD .
2.	Identification of Project Profiles, Techno-economic and Managerial Consultancy Services, Market Survey and Economic Survey Reports.	
3.	Land & Industrial Sheds.	
4.	Financial Assistance	
5.	For Raw Materials under Govt. Supply.	
6.	Plant & Machinery under hire\purchase basis.	
7.	Power\Electricity	
8.	Technical Know-how	
9.	Quality & Standards	
10.	Marketing\Export	

	Assistance	
11.	Other Promotional Agencies	