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**DISTRICT INDUSTRIAL POTENTIALITY SURVEY REPORT  
OF  
DADRA & NAGAR HAVELI (U.T.)  
(2013–2014)**

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(1)	Total Geographical Area	:	491 Sq.Kms.
(2)	No. of Talukas	:	02
(3)	No. of Municipal Council	:	01
(4)	No. of Villages	:	65
(5)	No. of Towns	:	05
(6)	<b><u>Population:</u></b>		
(i)	Total Population as per 2011 Census		343709
(ii)	Total Population Male as per 2011 Census		193760
(iii)	Total Population Female as per as per 2011 Census		149949
(iv)	Total Population Urban as per 2011 Census		183114
(v)	Total Population Rural as per 2011 Census		160595
(vi)	Total Population S.T. as per 2011 Census		178564
(vii)	Total Population S.C. As per 2011 Census		2847
(viii)	Density of Population (per Sq.Km.)		700
(ix)	Literacy Rate		76.20
(x)	Sex Ratio (No. of Females per 1000 Males)		774
(xi)	Decadal Population growth rate (2001-2011)		55.58
(7)	<b><u>Agriculture :</u></b>		
(i)	Area allotted	48882	Hect
(ii)	Area put to Soil Conservation	16677.91	Hect.
(iii)	Area under high yielding variety (HYV) Crops	16800	Hect.
(iv)	Main Crops - Paddy, Ragi & Jowar		
(v)	Horticulture Crops- Mango, Chickoo, Guava & Banana		
(vi)	Total Forest Area-	20428.12	Hect.
(8)	<b><u>Irrigation:</u></b>		
(i)	Net Irrigated area	4147.60	Hect.
(ii)	Gross Irrigated area	7275.70	Hect.
(iii)	Source of Irrigation	Canal, Tubewell, Wells & River	
(9)	<b><u>Roads:</u></b>		
(i)	Total Length of State Highways	42.40	kms.

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(ii)	M.D.R.	96.00 kms.
(iii)	O.D.R.	106.00 kms
(iv)	Village Roads	565.15 kms.
(10)	<b><u>Communication:</u></b>	
(i)	No. of Post Office and Branch Office	52
(ii)	Density of Telephone	84/100 persons
(iii)	Total Nos. of Exchanges	11
(11)	<b><u>Banking:</u></b>	
(i)	Lead Bank	Dena Bank
(ii)	Total No. of Bank Branches	48
(iii)	Nationalised Bank Branches	24
(iv)	Co-Operative & Private Bank Branches	14
(12)	<b><u>Power:</u></b>	
(i)	No. of Villages Electrified	All Village
(ii)	No. of domestic connections	49515
(iii)	No. of industrial connections	2729
(iv)	Other No. of connections	8497
(13)	<b><u>Educational and Training Centre:</u></b>	
(i)	Total No. of Primary & Middle Schools	319
(ii)	Total No. of Secondary Schools	33
(iii)	Total No. of Higher Secondary Schools	19
(iv)	Central School	01
(v)	Jawahar Navodaya Vidhyalaya	01
(vi)	Polytechnic Colleges	01
(vii)	I.T.I.	01
(viii)	Institute of Hotel Management	01
(ix)	Colleges	02
(x)	No. of Libraries	11
(14)	<b><u>Co-Operative Societies (as on 31-3-2005)</u></b>	
(i)	No. of Registered Societies	252
(15)	<b><u>Industries (as on 31-3-2013)</u></b>	
(i)	Total No. of MSMEs	

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	(i)	Micro	408
	(ii)	Small	473
	(iii)	Medium	41
	(ii)	Total Employment in MSME Sector	22595
	(iii)	Total No. of Large Scale Industries	20
(16)		Total No. of Industrial Estate	04
(17)		Total No. of Industries Associations	03

**CHAPTER-II**  
**OBJECTIVE, SCOPE AND METHODOLOGY**

**OBJECTIVE AND SCOPE:**

The Territory of Dadra and Nagar Haveli has been declared as an industrially backward area and zero industrial U.T. by the Govt. As such numerous incentives such as power subsidy, 10 to 15 years exemption from Sales Tax, exemption from Octroi duty, reduction in stamp duty, subsidy of fixed assets and exemption from Income Tax for 5 years etc. have been made available to new units set up here. Dadra and Nagar Haveli proximity to Bombay and Petrochemical Complex of Baroda have helped variety of industries such as man-made fabrics, plastics, garments, packaging, pharmaceuticals etc. to come up and flourish.

The report aims at examining the development taken place so far, particularly during the last decade in the improvement of various infrastructural facilities and in the exploitation of different resources of the U.T. and putting them to industrial use. The report is techno-economic in character rather than a statistical presentation. It is intended primarily for the entrepreneurs as a guide.

It also serve to point out and give the directions to which developmental agencies both Government and others can proceed for promotion of industries, particularly in small scale sectors.

**METHODOLOGY:**

The report is based on both primary and secondary sources. Apart from exhaustive references, available literatures of the U.T. the survey included extensive field visits, involving collection of data through discussions with Govt., Non-Govt., officials, industries associations, traders etc.

The field work of the survey was carried out by the Statistics Division of Micro, Small & Medium Enterprises, Ahmedabad.

**CHAPTER-III**  
**PROFILE OF THE UNION TERRITORY**

**3.1 Location :**

The Union Territory of Dadra & Nagar Haveli is situated on the Western coast of the Indian sub-continent between the parallels 20<sup>0</sup>-0' and 20<sup>0</sup>-25' of latitude North and between the meridian 72<sup>0</sup>-50' and 73<sup>0</sup>-15' of East longitudes. The Territory with the geographical compactness comprises of two pockets viz. Dadra consisting of 3 villages and Nagar Haveli consisting of 65 Villages and 5 Town One Municipality Council. It is surrounded by Valsad District (Gujarat State) in East and North and Thana District (Maharashtra State) in South and West. The area of the Territory is 491 sq.kms. Silvassa town, the capital of Dadra & Nagar Haveli is at a distance of about 18 kms. from Vapi and about 15 kms. from Bhilad railway stations respectively.

**3.2 Administrative Set Up:**

The Union Territory is a single tier State cum district cum taluka administration. All the villages divided into 11 Administrative patelads. The Collector of Dadra and Nagar Haveli is the Head of all the departments of the administration.

**3.3 Climate and Rainfall:**

The Climate of the district is moderate. The winter is brisk lasting from November to February. The summer is hot with moisture commencing from March and extending upto June. The south-west winds bring rain to the area during the period from June to September. The average rainfall is about 2000 to 2100 mm.

**Annual Rainfall of U.T. of Dadra & Nagar Haveli.**

<b>Sr.No.</b>	<b>Year</b>	<b>Annual Rainfall</b>	<b>Percentage</b>
1.	2006	2626.30	105.05
2.	2007	2612.60	104.50
3.	2008	2385.00	95.04
4.	2009	2006.00	80.24
5.	2010	2547.10	101.88
6.	2011	2682.40	107.30
7.	2012	1574.28	62.97

**3.4 Soil:**

The Union Territory is having clay-loam type of soil, which is poor in drainage. The terrain of South-eastern part is undulating to hilly and is a shallow soil.

The conditions thus indicate vulnerability of soil to erosion. An area of about 10751 hectares of the Territory forms a part of Catchment of Daman-Ganga river valley project. This area has been classified as very high priority sub-water shed by the all India Soil and Land Use Survey Organisation, Ministry of Agriculture. This project area is treated with different anti-erosion measures and there is a vast potential to undertake terracing of land to bring more and more area under paddy which is the main crop of the territory.

### **3.5 Rivers:**

The area is intereseected by Daman-Ganga River which originates in Nasik district of Maharashtra and its three tributaries viz. Varna, Pipariya and Sakartod. These rivers are seasonal and get flooded only in monsoon.

### **3.6 Forest :**

The forest in the Territory constitutes about 40 percent of geographical area. To balance the eco-system, the Forest Department has undertaken a plantation programme.

Adequate protection to forest wealth is extended by the forest staff.

Wild life development is the other area where administration has initiated action to restore the lost wild life population by improving their habitat, It has been decided to declare an area of 92 sq.km. as Wildlife Sanctuary. The Forest Department is implementing a Social Forestry Scheme. The botanical garden is being developed of Vasana Village.

The Forest Department of Dadra and Nagar Haveli looks after the forest with estimated worth of approximately 10000 crore in an area of 201 sq.km. of protected, reserve forests & wildlife sanctuary in this U.T. which constitutes up to 42% of the total geographical area as against the national average of 23%. The predominant population of tribal's which constitutes 80% of the total population of the U.T. mainly depends on forests for their requirements of fuel wood, fodder, small timber and employment. The New Forest policy 1988 aims at providing environmental stability, ecological balance through increase in tree cover by afforestation and Social Forestry Programmes both in forest and non forest areas. It also aims at creating awareness of masses and their involvement in conservation efforts to ensure preservation of natural forests with variety of flora and fauna to represent biological diversity and genetic resources.

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**3.7 Income:**

The Union Territory of Dadra & Nagar Haveli revenue receipt during the year 2010-11 is 50499.26 lakhs. The details of revenue receipt during the last five years given as below:

<u>Year</u>	<u>Revenue Receipt</u>	<u>[Rs. In Lakhs]</u>
2006-07		24794.00
2007-08		29382.00
2008-09		33197.60
2009-10		56757.38
2010-11		50499.26



**CHPATER-IV**  
**RESOURCES**

Industrial Development depend upon availability of material and human resources like Agriculture, irrigation, Horticulture, Livestock, Human, Minerals etc. In this Chapter a detailed Study of the availability of these factors in the U.T. is given below:

**[A] Human Resources :**

**4.1 Population**

As per 2011 Census, the total population of the U.T. is 343709 Density of population is 700 per sq.km. Sex ratio is 774 females per 1000 males. The area is comprising of five census town (urban) with a population of 160595 and 65 village (rural) with a population of 183114 (53.28%). The total population is Scheduled Tribe in the U.T. is of 52.00% while of Scheduled Caste 1.80%.

**4.2 Literacy:**

As per 2011 Census, the total literacy rate of the U.T. is 76.20% Out of these, 85.20% is male and 64.30% is female.

**4.3 Occupational Pattern of Population:**

Details of population structure in the U.T. is given in the following tables:

**U.T. OF DADRA AND NAGAR HAVELI**  
**CENSUS FIGURES AT A GLANCE**

			<b>2001</b>	<b>2011</b>
POPULATION	Total	Total	220490	343709
		Males	121666	193760
		Females	98824	149949
	Rural	Total	170027	183114
		Males	91832	98305
		Females	78195	84809
	Urban (Silvassa	Total	50463	160595*
		Males	29834	95455

	MCI & 05 Census Town)	Females	20629	65140
Decennial Population Growth Rate (2001-2011)			59.22	55.88
Area (Sq.km.)			491	491
Density of Populations per Sq.Km.			449	700
Sex Ration (No. of Females per 1000 Males)			812	774
Literacy Rate	Total	Person	57.63	76.20
		Males	71.18	85.20
		Females	40.23	64.30
	Rural	Person	49.34	64.10
		Males	64.50	76.40
		Females	30.86	49.60
	*Urban (Silvassa MCI & 05 Census Town)	Person	86.36	89.80*
		Males	90.84	94.00
		Females	74.54	83.40
			<b>2001</b>	<b>2011</b>
Percentage of Urban Population to Total Population Worker's Population and their percentage to total population:			22.89	46.70
Main workers		Persons	96333 43.70%	130299 37.90%
Marignal Worker		Persons	17788 8.07%	26862 7.81%
Non- Workers		Persons	106330	186548

			48.23%	54.27%
Breakup of Main workers & their percentage to main workers:				
Cultivators	Persons	39523 34.63%	28164 21.61%	
Agricultural Labourers	Persons	14743 12.92%	17799 13.66%	
Household Industries	Persons	828 0.72%	2195 1.68%	
Other Workers	Persons	59027 51.72%	109003 83.65%	
Polutation of SC/STs. & their percentage to total population:				
Scheduled Castes:	Persons	4104 1.86%	6186 1.80%	
Total	Males	2159 1.77%	3339 1.70%	
	Females	1945 1.97%	2847 1.90%	
			<b>2001</b>	<b>2011</b>
Rural	Persons	2834	1296	
	Males	1480	771	
	Females	1354	525	
* Urban (Silvassa MCI & 05 Census Town)	Persons	1270	4890*	
	Males	679	2568	
	Females	591	2322	
Scheduled Tribles:				
Total	Persons	137225 52.24%	178564 52.00%	
	Males	6763 55.61	88844 45.90%	

		Females	6952	89720
			70.39%	59.80
Rural		Persons	127410	150944
		Males	62689	75049
		Females	64721	75895
* Urban (Silvassa MCI & 05 Census Town)		Persons	9815	27620*
		Males	4974	13795
		Females	4841	13825
Number of occupied residential houses			43180	73205
Number of households			45732	76458

(a) **DETAILS OF PERSONS REGISTERED IN THE EMPLOYMENT EXCHANGE AS ON 31.03.2013.**

Sr.No	Education Level	No. of Persons registered as on 31.03.13		
		Men	Women	Total
1.	SSC	1009	241	1250
2.	HSC	1741	713	2454
3.	B.Sc.	70	120	190
4.	B.Com.	140	145	285
5.	B.A.	537	619	1156
6.	B.E.	113	26	139
7.	Diploma Holders	483	309	792
8.	ITI Tech. Trade	419	45	464
9.	Others	203	194	397
	<b>Total</b>	<b>4715</b>	<b>2412</b>	<b>7127</b>

(b) **WORKING OF EMPLOYMENT EXCHANGE:**

Sr.No	Year	No. of Registration in Employment During the year	No. of Live Register at the end of Year	No. of vacancies Notified during the Year
1	2007-08	639	2697	78
2	2008-09	820	3517	172
3	2009-10	1314	4831	419
4	2010-11	814	5645	350
5	2011-12	616	6261	235
6	2012-13	1010	7127	155

(Sources : Department of Employment Exchange, D. & N.H.)

(B) **MATERIAL RESOURCES:**

**4.1 Agriculture:**

(a) **Land Utilisation:**

During the year 2011-12 the total reported area is 48882 Hect. Area shown under agriculture is 22952 Hect. and area not available for cultivation is 3680 Hect, The area under forests is relatively high, amounting to almost 20359 Hect. The details are as given below.

Sr.No.	Items	Are in Hectares
1.	Gerographical Area	48882
2.	Forest Area	20359
3.	Land not available for cultivation	3680
4.	Fellow Land	6345
5.	Cultivable Waste	3930
6.	Trees & Grows	924
7.	Area shown under agriculture	22952
8.	Cropping Intensity	01

(Source : Department of Agriculture, D & N.H.)

(b) **Cropping Pattern:**

Agriculture is the main occupation of this Union Territory predominantly grown in the U.T. during Kharif Season and accounts for about 50% of the total cropped area, followed by Rabi which accounts for about 14%

of the total cropped area. Besides black gram, moong, tur, groundnut, jowar, maize, niger and vegetables are also grown during kharif season. During rabi season, wheat, gram, sugarcane and vegetables are grown.

**Statement showing production of Agriculture Crops in D & N.H.**

<b><u>Sr.No.</u></b>	<b><u>Name of Crops</u></b>	<b><u>Production up to 31.03.2011</u></b> <b>(Tonnes)</b>
1.	Cereal Crops	33400
2.	Pulses	4500
3.	Sugar Cane	32800
4.	Oil Seeds	180

**(C) Market/ Storage Godowns**

Dadra & Nagar Haveli Sangh Pradesh Sahkari Kharid Vechan Sangh Ltd. Has been started in 1991. There are no other regulated markets. However, weekly bazaars are held at various centres in the territory.

Agricultural produce require scientific storage and handling to minimize post harvest loss and to maintain nutritional quality for the consumer. There is always a need for the farmers to establish godowns to preserve and reduce the loss of perishable agriculture produce when the market is low and can sell off at better price when required for which storage facilities like godown is a must. The UT agricultural marketing Act, 1961 has been governing the transactions of Samitis manage the affairs of those regulated the Mandi Samitis established in March 1990. These Mandi Samitis manage the affairs of those regulated markets. The APMC Act has been amended in November 2003 to allow direct marketing of Agriculture Produce.

**(D) FARM MECHANISATION:**

Farm Mechanisation leads to increased production and productivity, better utilisation of irrigation potential, adoption of multiple croppings pattern, etc., besides minimizing cost, increasing income, reducing drudger in operations, increasing cropping intensity, etc. Post harvest machiners helps in reduction of loss during harvest and adds value thorough cleaning, grading and packing scientifically. The activities considered for financing include tractor, power tiller, combine harvesters, agricultural Implements, etc. The most prominent feature of agriculture in the UT of D & NH is its low level of technological mooring and the growing shift in focus away from agriculture in favour of secondary sub-sectors like industry and tourism. The

tractors are mostly used for the construction, transportation and custom hiring purpose only. A few farmers who have big land holding are utilising tractors on their own farms.

#### 4.2 Irrigation:

In this territory sizeable part of cultivated area is without irrigation. Due to hilly topography of the territory possibility of execution of major irrigation project is limited. Therefore open wells, lift irrigation scheme and check dams are the main sources for expanding irrigation facilities. Sources wise net irrigated area in hectares is given below:

Sr.No	Source	Net Irrigated Area	Gross Net Irrigated area in Hect.
1	Canal	1065	1991
2	Tube Wells/Wells	1553	2806
3	Other Cources	2306	3882
	<b>Total</b>	<b>4924</b>	<b>8679</b>

The net irrigated area by canal, tube wells, wells and rivers are 4924 Hect. No major or medium project has been taken upto till now except the Daman Ganga River Reservoir Project which is a joint venture of govt. of Gujarat, U.T. of Daman & Diu and Dadra & Nagar Haveli. On completion the project will irrigate 7040 Hect. of land in the U.T and industrial water supply 12.75 M.F.D.

#### 4.3 Horticulture :

The soil and agro climatic condition of the Dadra & Nagar Haveli is best suited for growing horticulture crops like mango, chikoo and many horticulture crops. The production of horticulture crops in the U.T. during the year 2012-13 are as given below:

Sr.No	Name of the Crops	Area in Hect.	Procution (in M.T.)
1	Fruits	2265	15610
2	Principal Vegetables	1035	19130

(Source : Department of Agriculture, Silvassa)

The rural people of the U.T. are mainly dependent on Agriculture for their livelihood. The socio-economic condition of rural people is therefore governed by

agriculture production. There are 28164 Nos. of famers. About 92% of farming population belongs to weaker section of which 89.26% are S.T. and remaining 1.05% are S.C. The percentage of small & marginal farmers is 76.37% against the total farm holding of 12950. The average of size of holding is 1.85 hectares per capital cultivable land is 0.09 Hects.

The agro-climatic condition of the UT district favours the cultivation of fruit crops, about 500 hectares of land is already under various vegetable crops & about 600 hectares under plantation crops like mango (Alphanso, Kesar and Rajapuri), sapota (Kalipatti), guava, Papaya, banana, custard apple and coconut. In addition, to those 850 hectares of land which is reported fallow could be brought under plantation and horticultural crops. The steadily growing tourism and hotel industry in the UT has generated scope for fresh flowers, greenhouse vegetables, mushroom, etc. There is likely to be a greater thrust on development of horiculture sector in the times to come in view of its higher yields and economic returns, nutritional value, growing demands, assured internal market, export potentialities, ecological balance, etc.

#### **4.4 Forest :**

The total area under forest in the U.T. is 20321 Hectares which consititutes about 40% of Geographical area. To balance the eco-system the forest Deptmant has undertaken a massive plantation programme. Adequate protection of forest wealth is extended by the forest staff. Wildlife development is the other area where administration has initated action to restore the lost wild life population by improving their habital. It has been decided to declare an area of 92 Sq.km. as wild life sanctuary. The forest department is implementing social forestry scheme and joint forestly management. A botanical garden is beings developed at Vasana village. Industries have vouldntarily come forward to take up plantation in the areas of degraded forest. Van Mitra Mandal with elected representatives of people and officials of police and forest department have been set up to guard against illegal falling of trees, The forest products available in the U.T. can be divided into major forest products and minor forest product. The major forest products are timber and fuel wood. The Minor products are Sag, Kher, Kinai, Siras, Sadad, Amla, Siwan, Khakhra leaf and Tendu.

As per the prescription of working plan imposed in June 1987 and Forest Conservation Act, 1988, there is complete ban on all commercial felling of trees from



the forest area. The timber lying with the forest department were either received from the wind broken/fallen trees or recovered from the offenders. However, the details sought for is as under as per the form no.9 maintained by the forest department.

**(A) Forest Products as on 31.03.2013**

<b>Sr.No</b>	<b>Name of the Forst Products</b>	<b>Estimated Availability (M.Tonne) 2012-13</b>
1.	Major Forest Products	Nil
2.	Minor Forest Products	Nil

**(B) Forest Area**

<b>Sr.No</b>	<b>Forest Area</b>	<b>Hect.</b>
1.	Reserved Forest	11104.69
2.	Wildlite Sanctuary	9216.83
	<b>Total</b>	<b>20321.52</b>

(Source : Forest Department, D & N.H., U.T.)

**4.5 Fisheries:**

The U.T. has a potential for the growth of inland fisheries. A few ponds have been made suitable for fishery. People living near the banks of river Damanganga have developed fishery business. Tribalss of this Union Territory are fond of fishing and development of inland fisheries will go a long way in increasing the income generation opportunities for the people with the Commissioner of Damanganga Project, a huge reservoir is available for development of fish culture.

The UT of Dadra and Nagar Haveli is land-locked and hence, offers scope only for inland fishery. Consequently, Fishery is not a major economic activity in the UT. Besides, there is only one major river, i.e., Damanganga, which has 3 tributaries, viz., Hajamkhadi, Rati and Sakartond. There are only 29 traditional fisherman families in the Union Territory, Catla, Rohu and Mrigal are the three important varieties reared by these families. Most of the catch is consumed in the local market itself. Notwithstanding the marginal nature of this economic activity, rainfall and temperature of the Union Territory is considered very suitable for fresh water fish culture.

**4.6 Livestock :**

The following activities are being carried out by the department under Cattle & Buffalo Development.

**(A) ARTIFICIAL INSEMINATION.**

Cross breeding program for up gradation of local breed of cattle and buffaloes are being implemented through Artificial Insemination by using frozen semen technique of H.F. and Jersey breed frozen semen for cattle and Mehsani and Murrah breed frozen semen for buffaloes. Every year 1200 number of animals are being covered

**(B) UP GRADATION OF LOCAL BREED OF CATTLE.**

The good pedigree and proven bulls are located at various interior places for the breeding purposes where department cannot provide A. I. facilities for improvement of the local non-descript livestock. The bulls are kept at Bull Agent and maintenance charges of 150/- per month in form of 50 % in kind and 50% in cash given to Bull Agent. Every year 10 numbers of Bulls are being located.

**(C) BULL REARING FARM.**

Male and female calves born at Govt. Bull Rearing Farm and Govt. Dairy Demonstration Farm are being reared up to the age of maturity and distributed to the SC/ST beneficiaries & Small and Marginal Farmers at a subsidized cost for upgrading the local breed of cattle for increasing milk production.

As per livestock census 2007 the total population of livestock in the U.T. was 95171. The major area at the territory is covered under forest and grass land. As per Census 2007 livestock population is as under:

<b>Sr.No</b>	<b>Particulars of Livestock</b>	<b>Total Numbers</b>
1.	Cross Breed Cattle	1376
2.	Cattles Horses	19
3.	Indigenous Cattles	56565
4.	Dogs	4831
5.	Buffalo-Male	1751
6.	Buffalo-Female	4459
7.	Sheep	198
8.	Goats	25665

9.	Pigs	220
10.	Rabbits	87
	<b>Total</b>	<b>95171</b>

(Source : Animal Husbandry & Veterinary Service, Silvassa)

**Poultry:**

Poultry in U.T. can be taken up both as part time and full time activity. There exists ample scope and potential for development of poultry in the region to meet the demand of the block as also the demand of region as also the demand of nearby cities of Gujarat and metropolitan city of Bombay. Administration has also initiated steps for developing infrastructure facilities for development of poultry farm from 1995-96 as also making the activities popular among people by introduction of financial incentives and support service. The live stock of poultry in U.T. are as under,

Cross Breed	12491
Indigenous	157917
<b>Total</b>	<b><u>170408</u></b>

**(A) Type of Poultry Farm**

	<u>Layer Farm</u>	<u>Broiler Farm</u>	<u>Ducks</u>	<u>Others</u>	<u>TOTAL</u>
Urban	02	0	0	0	02
Rural	15	32	0	0	47
<b>Total</b>	<b>17</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>49</b>

**(B) No. of Poultry Birds in the Farm**

Urban	1150	0	0	0	1150
Rural	750	11200	0	0	11950
<b>Total</b>	<b>1900</b>	<b>11200</b>	<b>0</b>	<b>0</b>	<b>13100</b>

**Veterinary Hospitals as on 31.03.2013**

1. Veterinary Hospital	1 Nos.
2. First Aid Vet. Centre	9 Nos.
3. Mobile Dispensary	1 Nos.

**1. VETERINARY SERVICES & ANIMAL HEALTH.**

The Health and Veterinary care of livestock is the primary concern of the Animal Husbandry Department whose endeavor is to ensure supply of livestock

product like milk, milk products, meat and eggs etc. being the essential ingredients of good nourishing food should come from healthy and disease free animals. It should also ensure optimum production of animal Bi-products like wool, fur, hide etc.

**The main focuses of the activities of the department are:-**

1. Strengthening of Veterinary Services in U.T. of Dadra and Nagar Haveli.
2. The development of the requisite infrastructure for improving the animal's productivity.
3. The preservation and protection of livestock by providing proper health care facilities.
4. Increasing the production of major livestock products especially milk, milk products, meat and eggs etc. to meet the increasing per capita requirements.
5. Mumbai Veterinary College has selected the our Veterinary Hospital as a Center to provide the Internship facility to newly graduate Doctors of Mumbai Veterinary College and up to March-2014, 129 Doctors has taken Rotational Internship Programme at Govt. Veterinary Hospital, Silvassa.
6. Department helps Municipal Council of Silvassa to carry out Animal Birth Control programme (ABC) in Dogs with the help of Surgeons of Mumbai Veterinary College.

**1. Up-gradation of FAVC-Khanvel as Veterinary Dispensary.**

At present First Aid Veterinary Centre Khanvel and other FAVCs in Khanvel Division of the territory providing veterinary services under the guidance and supervision of Veterinary Hospital, Silvassa. The FAVC Mandoni, Dudhani, Amboli, Dapada and Khanvel are situated at considerable distance from Veterinary Hospital, Silvassa. The Hon'ble Administrator, Daman, Diu & Dadra and Nagar Haveli has principally approved the proposal for construction of Veterinary Dispensary at village Khutli in Khanvel Patelad.

**2. Mobile Dispensary Unit.**

The territory is scattered in seventy villages and two Towns, Department provides free veterinary services at door step of farmers as well as to carry out various camps like Mass vaccination and surgical and gynecological camp at remote area through one Mobile Dispensary Unit. The existing Mobile Dispensary covers five Patelads and provide veterinary services to the 28 villages of Kilvani, Randha, Silvassa-I, Silvassa-II, Naroli and Rakholi Patelads. Department proposed to start

one more Mobile Dispensary at Khanvel region for strengthening of rural veterinary services in the 44 villages of five Patelad namely; Dapada, Khanvel, Dudhani, Amboli and Mandoni.

**3. Providing in-door patients facilities for Small and Large animals at Veterinary Hospital, Silvassa.**

At present there is no facility of Indoor Wards at Govt. veterinary Hospital premises. Department proposes to start indoor wards for large and small animals at Hospital campus, Silvassa.

Department has purchased Veterinary Van (Ambulance) for Shifting of abandoned/seriously injured/sick animals either at rehabilitation centre or Veterinary Hospital under the scheme of Member of Parliament Local Area Development (MPLAD) scheme.

Department has started well equipped Hospital and Disease Diagnostic Laboratory with the facility of small and large animal operation theatre, computed radiography system, automatic hematological analyzer, biochemistry analyzer and antibiotic sensitivity machine.

**Dairy:**

Dairy farming occupies prominent role as the subsidiary occupation. Vasundra Dairy, Alipur (Valsad) and Girna Dairy, Nasik are established with a view to provide opportunity of development of Co-operatives. The Dairy have plan to supply milk in polutherne bags instead of loose supplies to the customers. Dairy activities have wide scope in the U.T. as a source of livelihood especially for tribals. The easy availability of fooder in the cultivable command areas of Daman Ganga project and availability of cattle feed in local market of Silvassa create much needed backward linkage for dairy development. The activity has not picked up due to large number of non-descript Cattles, lack of grazing land. Traditional and unhygienic method of cattle management and poor economic condition of the tribals. The tourist flow and industrialization has increased the demand of milk and to meet the demand of large scale Dairy farm could be developed on commercial basis.

The details of Vasudhara Dairy is as under :

1. Milk Collection per Day from Silvassa	1850 Ltr.
2. No. of Dudh Sahkari Mandlis	18
3. Total Members of Dudh Sahakari Mandali	364

The rural people of this Union Territory are mainly dependent on agricultures for their livelihood. The socio-economic condition of rural people is therefore governed by agriculture production. The paddy is the main staple crops of this region and Ragi and next to paddy. Other crops like Black gram, Niger, Tur, Jowar, Vegetables, Wheat, Sugarcane, Banana, Mango, Coconut, Chiku, Guava etc. are also grown in this Union Territory.

The Department of Agriculture Implements the loan- cum subsidy schemes to increase the productivity and crop intensity and all SC/STs, small & marginal and non SC/STs having land upto 2 hectares are eligible for the schemes.

**Scope for Dairy Farming and its National Importance:-**

The total milk production in the country for the year 2008-09 was estimated at 108.5 million metric tons and the demand is expected to be 180 million tons by 2020. To achieve this demand annual growth rate in milk production has to be increased from the present 2.5 % to 5% . Thus, there is a tremendous scope/potential for increasing the milk production through profitable dairy farming. In the U.T. of Dadra and Nagar Haveli due to rapid industrialization, due to migrated population as well as tourist, the demand for milk and milk products have increased tremendously. To fulfill the increased demand, development of Dairy Farming at small and large scale is essential.

The following schemes are being implemented by the department under Dairy Development.

**INTEGRATED DAIRY DEVELOPMENT PROJECT**

The Valsad District Co-operative Milk Producers' Union Ltd, Alipur, Dist. Navsari (Gujarat State) known as Vasudhara Dairy is the Implementing Agency for implementation of Integrated Dairy Development Project (IDDP) in U.T. of Dadra and Nagar Haveli.

**Objective of the scheme:**

- i) To improve the financial status of ST or SC or Small and Marginal Farmers or BPL families.
- ii) For Women Empowerment.
- iii) Beneficiaries will acquire knowledge and skill of Animal Husbandry practices.
- iv) To boost the co-operative movement

**: 23 :**

Under the scheme 21 Village Level Milk Cooperative Societies has been organized and subsidy has been granted to 440 beneficiaries till date. 250 beneficiaries are proposed to be covered by organizing 05 Village Level Milk Co-operative Societies during Annual Plan 2014-15 under the scheme.

**4.7 Mineral Resources:**

As per discussion with the officials and knowledgeable persons is learnt that there is very less scope for mineral based industries in the U.T. stone and mud are only mineral resources available in the Union Territory of Dadra & Nagar Haveli.

**CHAPTER-V****INFRASTRUCTURE FOR INDUSTRIAL DEVELOPMENT**

Infrastructural facilities are pre-requisite for industrial development. The industrialization cannot take in absence of infrastructural facilities. The infrastructural facilities include availability of developed Roads, Railway, Power, Water, Port, Air Port, Communication, Transportation, Education, Industrial Estates, Banking facilities etc.

The existing infrastructural facilities in the Union territory are as under:

**1. Road & Railways Track and Airport :**

Transport facilities are considered as Administrative necessity as well as public convenience. However, a well knitted transportation system is a pre-requisite for social and economic development of any district. The linking of one place with other by road and train is very essential to provide good transport system.

**Category wise length of Roads in the D & N.H. U.T.**

<b>Sr.No.</b>	<b>Category of Roads</b>	<b>Length in Km.</b>
1.	National Highway	Nil.
2.	State Highway	42.40
3.	Major District Roads	96.00
4.	Other District Roads	106.00
5.	Village Roads	565.15
	<b>Total</b>	<b>809.55</b>

807.052 kms. Surfaced out of 809.55 kms.

(Source: Executive Engineer, P.W.D. Civil Division No.II (Road) D & N.H.)

**District Road under Panchayat**

	<b>C.C. Block Concrete</b>	<b>B.T. Metalled Road</b>	<b>WBM Roads</b>	<b>Earthern Road</b>	<b>Total Km.</b>
V.R.	-	485.623	49.24	-	534.863

The National Highway No. 8 Mumbai- Ahmedabad –Delhi, passes through Silvassa. The total length of road in the U.T. is 809.55 kms. All villages have been connected by roads. Looking to the progress in industrialization of the U.T. of Dadra and Nagar Haveli, the roads between Silvassa to Rakhoil, Silvassa to Naroli and Silvassa to Piparia have been widened to make them four lane.



The U.T. has no railway line. Silvassa, the headquarter of the administration is situated at a distance of about 18 kms. from Vapi, the nearest railway station on the western railway. The nearest Airport is Daman about 30 kms. away which is connected to Mumbai by Gujarat Ariways.

**2. Communication and Postal Service:**

All the 65 villages of Territory are covered under the Postal Service by 52 Post Offices and Branch Offices. There is one telegraph Office.

**Post & Telegraph Facilities in D & N.H. U.T.**

<b>Sr.No.</b>	<b>Name of Taluka</b>	<b>No. of Post Offices &amp; Branch Offices</b>
1.	Silvassa	4 Sub Post Office 48 Branch Office
	<b>Total</b>	<b>52</b>

(Source : Supdt. of Post Office, Silvassa)

**Communication Facilities As on 31/03/2013**

<b>Talukar</b>	<b>No. of Exchange</b>	<b>Total Capacity</b>	<b>Working Connection</b>	<b>Waiting List</b>	<b>% of Utilisation</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	
D & N (U.T.)	11	16500	5653	57	34.26

(Source: A.G.M. (MIS), BSNL, Valsad)

Telephone facilities are available in taluka headquarters as well as in some villages. All villages have been provided with telephone connection. There are 11 telephone exchanges are functioning in the U.T.

There is one T.V. Relay Centre and one All India Radio Station in D & N.H.

**News Papers in D & NH is as under :**

Gujarati	-	8	Daily
English	-	7	Daily
Hindi	-	6	Daily

**3. Power :**

The availability of adequate and regular power supply is a pre-requisite for economic development of the territory. There is no power generation in the territory. So it is purchasing in bulk from N.T.P.C. Ltd. And Nuclear Power Corporation Ltd. Through 66 KV line for Dadra & Nagar Haveli and remaining part of the Territory through 66 KV Sub-Station of Khadoli Industries Estate. All Villages of Dadra & Nagar Haveli (U.T.) are connected with electrified connection.

**(A) EXISTING SUB-STATIONS FOR POWER DISTRIBUTION UNDER D & NH (U.T)**

Sr.No.	Name of Sub-Station	Capacity in KVA	Taluka/Patelad
1.	66 KV Amli	70000	Silvassa
2.	66 KV Silli	50000	Silvassa
3.	66 KV Dadra	90000	Dadra
4.	66 KV Waghdhara	30000	Naroli
5.	66 KV Kharadpada	52000	Naroli
6.	66 KV Athal	40000	Naroli
7.	66 KV Masat	75000	Samarvarni
8.	66 KV Rakholi	70000	Rakholi
9.	66 KV Khadoli	90000	Amboli
10.	66 KV Khanvel	25000	Khanvel
	<b>Total</b>	<b>592000</b>	

**(B) PROPOSED SUB-STATION IN 12th FIVE YEAR PLAN**

Sr.No.	Name of Sub-Station	Capacity in MVA	Taluka/Patelad
1.	66 KV Pipria	40000	Silvassa
2.	66 KV Kala	30000	Amboli
3.	66 KV Velugam	30000	Amboli
4.	66 KV Silvassa	40000	Silvassa
5.	Augmentation of Amli S/S	10000	Silvassa
6.	Augmentation of Khadoli S/S	10000	Amboli
	<b>Total</b>	<b>160000</b>	

**(C) SANCTIONED SUB-STATION**

Sr.No.	Name of Sub-Station	Capacity in KVA	Taluka/Patelad
1.	66 KV Piparia	40000	Silvassa
2.	66 KV Kala	30000	Amboli
3.	66 KV Velugam	30000	Amboli
	<b>Total</b>	<b>100000</b>	

**(D) CATEGORYWISE NUMBER OF ELECTRIC CONNECTIONS PROVIDED IN THE DISTRICT AS ON 31.03.2013**

No. of Domestic Conection (in lacs)	Consumption of Units (in Lacs)	No. of Industrial Connections (in Lacs)	Consumption of Units (in Lacs)	Other No. of Connections (in Lacs)
0.49515	749	0.02729	44831.5	0.08497

(Source : Executive Engineer, Electricity Deptt., Deptt. Of D & N.H.)

**4. Water:**

Water is an other is an other essential pre-requisite for the development of industries. Damanganga Reservoir Project consitute a major source of Water for the Industrial Purpose. The availability of water in the U.T. renders U.T. region suitable for location of certain industries.

**5. Transport:****(A) Statement of Registered Vehicles as on 31-03-2013 in D & N.H. U.T.**

Sr.No.	Type of Vehicles	No. of Vehicles
1.	Two Wheeler Vehicles	53053
2.	Light Motor Vehicles	19631
3.	Transport Vehicles	10249
	<b>Total</b>	<b>82933</b>

(Source : Regional Transport Office, D & N.H. U.T.)

**(B) The details of S.T. Bus Facilities in D & NH is as under :**

Sr.No.	Particulars	Unit	As on 31-3-2012
1	No. of Bus Routes	NO	33
2.	No. of Passenger buses & Omni. Buses on the Road	NO	310
3.	Frequency of Bus Services	NO	198
4.	Villages connected with all weather Road	No	65

(Source : Deptt. of Planning &amp; Statistics)

**6. Markets :**

Dadra & Nagar Haveli Sangh Pradesh Sahakari Kharid Vechan Sangh Ltd. has been started in 1991. There is no other regulated markets. However weekly bazaars are hold at various centres in the Territory. Its proximity to Mumbai gives the Territory of very good market potential.

**7. Co-Operative Societies:**

A Steady progress is being made and maintained by the Co-operatives in this territory inspite of various constraints an account of illiteracy and backwardness of the people. The response towards co-operative activity is poor.

**Progress in Co-Operative Societies in D & N.H.**

Year	No. of Registered Societies	Cumulative Total
2004-05	195	195
2005-06	3	198
2006-07	8	206
2007-08	5	211
2008-09	9	220
2009-10	6	226
2010-11	7	233
2011-12	11	244
2012-13	8	252

**Groupwise Co-Operative Societies as on 31-3-2013**

<b>Sr.No.</b>	<b>Type of Society</b>	<b>No. of Societies</b>
1	LAMPS	9
2.	PACS	3
3.	Non-Agricultural Credit Co.op. Society	42
4.	Non Credit	
	A. Forest Labour Co-op. Society	3
	B. Poultries Co-op. Society	8
	C. Milk Co-op. Society	12
	D. Tailoring Co-op. Society	29
	E. Marketing Co-op. Society	6
	F. Industrial Estate Co-op. Society	4
	G. Irrigation Co-op. Society	1
	H. Transport/Tourism Co-op. Society	1
	I. Women Co-op. Society	6
	J. Labour Contract Co-op. Society	3
	K. Sugar Factory Co-op. Society	1
	L. Consumer Co-op. Society	14
	M. Housing Co-op. Society	42
	N. Housing Service Co.-op. Society	26
	O. Union Co-op. Society	1
	P. Other Co-op. Society	42
	<b>Total</b>	<b>252</b>

Groupwise Co-operative Societies are 252

(Source : Asstt. Registrar of Co-operative Societies, D & N.H., Silvassa)

**8. Education & Training:**

Educational Institutions and Technical Institutions play very vitals role for industrial development in the area. The development of physicals infrastructure and

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on enabling legal and regulatory frame for private investment will be essential for the future expansion of the State economy. A principal asset to any district or State for the development of human capital is its education system. Details of Schools, Colleges and Technical Institutes in the Dadra & Nagar Haveli (U.T.) are as under:

**Details of Schools & Colleges in D & N.H. (U.T.)**

**Educational Institutions:**

**(1) Primary School :**

Category	Nos.	Teachers	Students
Primary Schools (Std. 1 to 7/8)	319	1977	58793

(Source : The Primary Education Officer, Silvassa)

**(2) Secondary & Higher Secondary Schools:**

Category	Nos.	Teachers	Students
Secondary Schools	33	424	11637
Higher Secondary Schools	19	206	5107
Total	52	630	16744

(Source : District Education Officer, Silvassa)

**(3) Colleges -**

04

**Details of Technical Institutes in D & N.H. (U.T.)**

Sr.No.	Name of Institute	Trade	Seat	Duration
1	I.T.I. Silvassa	(1) Turner	24	2 years
		(2) Fitter	32	2 years
		(3) Wireman	32	2 years
		(4) Electrician	32	2 years
		(5) Motor Mechanic	32	2 years
		(6) Information Technology	32	2 years
		(7) Welder	24	1 years
		(8) Scretarial Practice (Female)	32	1 years
2.	Polytechnic, Silvassa	(1) Mechanical	90	3 years
		(2) Electrical	90	3 years

		(3) Civil	60	3 years
		(4) I.T.	30	2 years
		(5) Computer	30	2 years
		(6) E & T.C.	30	2 years
3.	MSME Branch Office, Masat, Silvassa	S.D.P. on Machine Shop Practice	8	6 months

**9. Industrial Estate :**

**A. BRIEF HISTORY OF GOVERNMENT INDUSTRIALIZATION IN THE UNION TERRITORY OF DADRA AND NAGAR HAVELI**

Before 1965, there was no industrial unit, small scale or cottage industries existing in the union territory of Dadra and Nagar Haveli. However, few craftsmen used to work traditionally for manufacturing of earthen pot, leather items chapels and shoes, etc. And other items made from bamboos. The skill was available only with limited persons in some of the villages and it was exploited commercially.

The industrial development started on a low key during the year 1965 by establishing one industrial estate under cooperative sector in the year 1965 namely m/s. Dan Udyog Sahakari Sangh Ltd. The government developed three industries estate in the territory in different pockets viz.

- ✓ Government Industrial Estate, Phase-I, Piparia, Silvassa
- ✓ Government Industrial Estate, Phase-II, Piparia, Silvassa
- ✓ Government Industrial Estate, Masat
- ✓ Government Industrial Estate, Khadoli

**(B) TABLE SHOWING THE BRIEF DETAILS OF ALL GOVERNMENT INDUSTRIAL ESTATES ARE AS BELOW:**

Sr.No.	Name of Industrial Estates	Year of Establishment Rate	Total Nos of Plots	Total Land Area of Industrial Estate	Size of Plot Sq.mtr.
1.	Government Industrial Estate, Piparia Phase-I	1985 Present Minimum Plot	8	3.77 Hectars	600 to 4000

		Rate Rs.4050/Smt			
2.	Government Industrial Estate, Piparia Phase-II	1985 Present Minimum Plot Rate Rs.4050/SMT	59	10.24	600 to 4000
3.	Government Industrial Estate, Masat	1978 Present Minimum Plot Rate Rs.2700/SMT	141	33.28 Hectars	600 to 4000
4.	Government Industrial Estate, Khadoli	1982 Present Minimum Plot Rate Rs.900/SMT	90	58.44 Hectars	1000 to 4000
<b>Total</b>	<b>Four Estates</b>	<b>The Lease of Pipariya, Masat are of 99 years &amp; are of Khadoli 30 years.</b>	<b>298 Nos.</b>	<b>105.73 Hectare = 26 4.325 Acres</b>	

**(C) THE ADMINISTRATION GETS REVENUE BY WAY OF COLLECTING CHARGES AS FOLLOWS:**

- ✓ 50% Unearned increment/Premium on event of transfer of lease rights (to be recovered in events of each and every transfer permissions)
- ✓ 50% Unearned increment/premium on event of granting sub letting permission (to be recovered monthly)
- ✓ Annual lease rent per sq. mtr. of land area (to be recovered annually)
- ✓ The Market Rates for calculation of 50% Unearned Increment/Premium to be calculated on the portion of Land area in event of transfer of lease right/change of constitution of Unit/Enterprise.



- ✓ The Market Rates for calculation of 50% Unearned Increment/Premium on Sub letted area to be calculated on the portion of Built up Area only by lessee to sub-lessee.
- ✓ The Market Rates for calculation of Annual lease rent on the portion of the Land Area only.

**10. Banking & Finance:**

Under the Lead Bank Scheme of Reserve Bank of India, Dena Bank has assigned the role of co-ordination the activities of various financial institutions for the development purpose of the U.T. D & N.H. Finance is the most important items for industrial development to meet the financial need of the people of Dadra & Nagar Haveli (U.T.). A large number of Banks are functioning under the Lead Bank Scheme of R.B.I. Dena Bank has been assigned the role of co-ordinating the activities of various financial institutions for the development purpose of the U.T. It has far prepared a number of Action Programmes embarrassing all economic activities. The growth of financial institutions in any region is an important indicator or economic development and progress of that region. The capacity of people to generate and save money has a direct bearing on their economic well being. It is reflected in the volume of operation handled by the various financial institutions operating in that area.

Dadra & Nagar Haveli (U.T.) is having good net work of Bank Branches which will take of credit delivery system in the implementation if credit plan. At present the U.T. is having 48 Branches and One Branch of Dena Bank, Amli Branch is MSME Sector is recognized.

The concept of service area approach was introduced from 1<sup>st</sup> April, 1989, with the main objective of increasing productivity. Production and income level of rural people for proper and planned development. Specific villages were earmarked as service area of each bank branch. The important feature of this approach is the emphasis is given on credit planning by bank branches at the grass root level by directly involving them in the development of assigned area. Service area approach envisages the active participation of Banks, Central & State Govt. Agencies, NABARD and RBI.

**Details of Bank Branches in Dadra & Nagar Haveli**

<b>Sr.No.</b>	<b>Name of the Bank</b>	<b>No. of Branch</b>
1.	Dena Bank	07
2.	Allhabad Banm, Silvassa	01
3.	Andhra Bank, Dadra	01
4.	Bank of Baroda, Silvassa	03
4.	Canara Bank, Silvassa	03
5.	Central Bank of India	01
6.	Corporation Bank, Silvassa	01
7.	IDBI Bank, Silvassa	01
8.	Indian Bank , Silvassa	01
9.	Indian Overseas Bank, Silvassa	01
10.	Oriental Bank of Commerce, Silvassa	01
11.	Punjab National Bank, Silvassa	01
12.	Union Bank of India, Silvassa	01
13.	UCO Bank, Silvassa	01
14.	Vijaya Bank, Silvassa	01
15.	State Bank of India	03
16.	Axis Bank Ltd. Silvassa	01
17.	Catholic Syrian Bank Ltd.	02
18.	D.C. Bank Ltd., Silvassa	01
19.	Federal Bank Ltd., Silvassa	01
18.	HDFC Bank Ltd.	03
19.	ICICI Bank Ltd.	04
20.	Indusind Bnank Ltd., Dadra	02
21.	ING Vysya Bank Ltd., Silvassa	01
22.	Kotak Mahindra Bank Ltd.	01
23.	Tamilnad Mercantile Bank Ltd., Silvassa	01
24.	The Ratnakar Bank Ltd., Silvassa	01

25.	Yes Bank Ltd., Silvassa	01
26.	V.D. C. Bank, Silvassa	01
	<b>Total</b>	<b>48</b>

Statement Showing Sectorwise under Service Area Credit Plan for the year 2013-14 is given at Annxure-I

Board Sectorwise PLP Projections (UT) D & NH-2014-15 is Given at Annxure-II

## **12. District Industries Centre, Silvassa.**

The District Industries Centre has been established at Silvassa and is functioning from June, 1978, Under the single root of DIC, all the services and supports required by new entrepreneurs are provided, DIC collaboration with other development agencies it has formulated a number of bankable project for the weaker sections of the district. The bankable scheme of DIC envisages to promote rural and cottage industries under non-farm sector as identified by Development Officer of Rural and Cottage Industries.

### **Promotional Service/Activities of DIC:**

The Single Window Investor Friendly Time Bound System (SWIFT) is Functioning Since 1996. All the Clearance required for Industrial Sectors are processed through and the same are delivered through swift after obtaining reply/permission from concerned Authority. Various check list are also available with prescribed Performa of application in DIC. At present Seven departments industrial clearance/permissions are accepted in SWIFT. These are pollution clearance, Vat registration, electrical permission, construction permission, factories licenses, all clearance of DIC other than the memorandums/intimations of MSME Act.

**The Prime Ministers Employment Generation Programme (PMEGP SCHEME)** is also dealt by DIC. The interested entrepreneurs taking benefit of the schemes for setting up their manufacturing as well as service enterprises. KVIC is agency in the Scheme.

**The Government Industrial Estates Development:** As detailed above the DIC is having Four Government Industrial Estates One at Khadoli and One at Masat and Two at Piparia Village. The revenues in terms of lease rents, Transfer of Lease Rights of land and sub letting permissions are recovered by DIC. The entire maintenance and development of these Four government industrial estates are

looked after by OI DC since its inception. All the matters are processed as per the terms and conditions of lease deed.

**The Revenue are Received** from all Government Industrial Estate as well as from shops and sheds as a lease Rents, premium charges for transferring of lease right of plots, and also allowing sub letting permissions of constructed building on plots.

**Service Provided by DIC to promotion & Growth of Industries:**

**Service of DIC as a registering authority under old SSI policy prior to 02-10-2006.**

NOC for large scale units & entrepreneurs memorandum number for micro, small, medium of enterprise under MSME Act-2006. Earlier this department was promoting the industrial development by providing services like provisional SSI registration, permanent SSI Registration, Medium Scale NOC and amendment related to this registration.

**Service of DIC as a promotional Agency Under the MSME Act-2006 after 02-10-2006.**

But due to enforcement of the Micro, Small & Medium Enterprise Act-2006 all over India, the SSI registration is now replaced with filling of memorandum to District Industries Centre being notified as Authority in the matter. More over under section 7 (1) of this Act which takes in to account word "Enterprise" in place of erstwhile "Industry". The preamble of the Act is to provide for facilitating the promotion of Micro Small and Medium Enterprises.

This Act has been frame out with a view to give comprehensive central law to provide and appropriate legal frame work and emphasizing the importance of service sector enterprises in the country. Enterprises have been classified broadly into two categories:

- (A) Enterprises Engaged in the manufacture/production of Goods pertaining to any industry.
- (B) Enterprises engaged in providing/rendering of services.

The manufacturing and service enterprises have been classified in terms of their investment in Plant and machinery (excluding land and building) and in terms of their investments in equipments respectively and further classified as below:

Sr.No.	Type of Enterprise	Investment
1.	Micro Manufacturing	Up to 25 lakh
2.	Small Manufacturing	25 lakh to 5 crore
3.	Medium manufacturing	5 crore to 10 crore
4.	Micro servicing	Up to 10 lakh
5.	Small servicing	10 lakh to 2 crore
6.	Medium servicing	2 crore to 5 crore.

The district industries centre, Silvassa has started issuing acknowledgement in part-I & II in place of registration w.e.f. 31.1.2007 to MSMEs i.e. Enterprises having their investment in plant & machineries below 10 crore.

The units having investments in plant & M/C above 10 Cr. are defined as large scale units. These units have to files memorandum with secretariat for industrial approvals, New Delhi being the authority to issue acknowledge to LSI units.

The DIC also provides services like ISO certification, Capacity Assessment, Registration under LUB Licence, manufactures certificate under electric rules, EDP programmes, training, guidance for preparing project reports, various amendments related to industries etc.

**13. Associations in Dadra & Nagar Haveli :**

- (1) Silvassa Industries Association
- (2) Silvassa Industries & Manufacturers Association
- (3) Dadra Nagar Haveli Industries Association

**14. Omnibus Industrials Development Corporation (OIDC), Daman:**

Omnibus Industrial Development Corporation of Daman & Diu and Dadra & Nagar Haveli Ltd. (OIDC) is an organization set up by the U.T. Administration for overall economic development of the U.T. especially in the sector of industrials infrastructure.

The OIDC would also develop and maintain industrial estates with adequate infrastructural facilities. Besides these, proximity to Bombay and Petrochemical Complex of Baroda have helped variety of pharmaceuticals etc. to come up and flourish the labour is comparatively cheaper than other states in the U.T.

**15. Branch MSME, Silvassa :**

Br. Micro, Small & Medium Enterprises, Masat Industrials Estate, Silvassa since 1984 provides a wide range of Extension services in the small scale sector in the U.T. of Dadra & Nagar Haveli & Daman and Diu, Valsad and Navsari Districts.

**Activities in Detail:**

- ❖ Provide technical consultancy to State Industries Department, State Level Corporations and NSIC and help them in implementing Central Govt. Policies.
- ❖ Provide technical advice on proper selection of machinery & equipment, processes and techniques of manufacture, appropriate raw material etc. to entrepreneurs.
- ❖ Assist DIC for National Schemes e.g. Prime Minister's Rojgar Yojana & Rural Industrial Programmes etc.
- ❖ Preparation of Project Profiles on Schemes for financial assistance under PMEGP/SC/ST Fin. Corpn.
- ❖ Preparation of project reports and Project Profiles under Action Plan.
- ❖ To provide Intensive Technical Assistance to SSI for Product Development and Quality Improvement.
- ❖ Co-ordination with Educational Institutions for wide publicity of our activities.
- ❖ Conduct entrepreneurship Development Programmes and Management Development Programmes for educated unemployed youths for imparting training on all aspects of setting up of new industry to motivate for self-employment opportunities.
- ❖ Conduct Demonstration of Chemical and Food Products for setting up small units.
- ❖ Help the small scale units to register with National Small Industries Corporation (NSIC) for participation in the Government Stores Purchase Programme (GSPP.)
- ❖ Motivating and encouraging the existing entrepreneurs for taking the advantage of the scheme on Modernization/Up gradation of technology in the SSI Sector.
- ❖ Conduct Intensive Campaigns in backward areas of the State in collaboration with the other industrial development agencies to motivate people to set up industry and to provide on the spot guidance to prospective entrepreneurs.

- ❖ Workshop attached with this Institute is equipped with State of art facilities such as Milling Machine, Cutter & Tool Grinder, Lathe Machine, Shaping Machine, Pillar Drill, Hacksaw Machine, Bench Grinder and Welding Machine wherein various jobs like Grinding of Cutter, Blades and different tools, Turning, Threading, Boring, Keyway Cutting, Degree Cutting, Plain Shaping, Metal Cutting and Tool Grinding as well as fabrication work including Bending, Cutting and welding are also performed timely & as per the requirement.
- ❖ 6 months full time Skill Development programme on Machine Shop Practice for men wherein Basics of Machine shop Practice are taught for improving the skills by self operating Milling Machine, Cutter & Tools Grinder, Lathe Machine, Shaping Machine, Pillar Drill, Hacksaw Machine, Bench Grinder and Welding Machine for carrying out various machining operations like Degree Cutting, Grinding of Cutter, Blades and different Tools, Turning, Threading, Boring, Keyway Cutting, Plain Shaping, Metal Cutting and Tool Grinding.

**16. NGOs :**

A number of voluntary agencies/NGOs are operating in the district and are working among women. Some of these agencies are Rural Welfare Development Foundation, Rural Development Foundation, Nav Yuvak Manadal, DHURAV (BAIF) etc. These agencies are implementing, schemes for women, including credit related schemes. Banks can take advantage of these agencies for reaching out to the poor women.

**CHAPTER-VI**  
**PRESENT INDUSTRIAL STRUCTURE**

The territory of Dadra and Nagar Haveli has been declared as an industrially backward area. There are three Govt. Industrial Estates and one Co-operative Industrial Estate. One more Govt. Industrial Estate at Valugam is proposed and sanctioned by the Central Govt. in the U.T. About 114 Industries are textiles based in Dadra & Nagar Haveli, covering texturing of yarns, twisting of yarn, weaving of yarns, crimping of yarn and fish net making. Other major industries are stainless utensils, ferrous casting, control valves, fabricating work, soaps, detergents, drugs, cement, tiles, Chemicals, PVC Pipes, Zip Fastners, Paper Tubes, Woven Sack Bags, Ayurvedic Hair Oil, Plastic Injection Mouldings Articles, PVC Roofing Sheets, Plasticizers, Corrugated Boxes, Computer, Socks, Engineering Works, Tin Containers, Cosmetic Items, Air Conditioners, Door Products, Agricultural Equipments, Cement Poles, Dies and Punches, Audio Cassettes, Perfumes, Cement Products, Lubricating Oil etc.

The Union Territory of Dadra & Nagar Haveli has a peculiar features of industrial financing activity viz. most of the units located/established in Dadra & Nagar Haveli have either their registered/administrative/marketing offices in cities outside the Union Territory, generally in Mumbai or major cities of Gujarat from where the produce of the units are marketed.

The working capital requirements of such industries whose products are in demand in markets are partly met by their products purchasing industries or marketing agencies. In case of demands based industries, their credit needs are fulfilled by their bankers in cities where they have their registered / administrative / marketing offices as a measure of convenience. For this reason the credit flow to industrial sector particularly working capital loan of industrial units of Dadra & Nagar Haveli are not reflected in the overall credit disbursed by the banking sector.

**Growth of Small Scale Industries in D & N.H. (U.T.)**

Dadra & Nagar Haveli (U.T.) has been declared as an industrially backward area. At the end of March 2013, the total number of industrial units registered in the district are 2785 with an investment of Rs.156992 Lakhs & employment to 44861 persons. The tables showing the details of small scale sector are given hereafter:



**I. SMALL SCALE INDUSTRIES****A. Progress in SSI Registration.**

Year	No. of Regd. Units	Investment (Rs. In Lac)	Employment	Cumulative		
				No. of Regd. Units	Investment (Rs. In Lac)	Employment
2000-2001	202	119	4867	1180	308	18372
2001-2002	137	64	1874	1317	372	20246
2002-2003	310	74	1718	1627	446	21964
2003-2004	44	6	590	1671	452	22554
2004-2005	116	45	1669	1787	497	24223
2005-2006 (Up to Sept. 06)	76	308	10718	7582	518	107359

**B. Taluka wise Distribution of Registered SSI Units**

Sr.No.	Name of Talukas	Up to March 2005	During the year 2005- 06	Cumulative Total up to Sept. 2006
1	U.T. of Dadra & Nagar Haveli	1787	76	1863
	<b>Total</b>	<b>1787</b>	<b>76</b>	<b>1863</b>

**C. SSI Registration by Group of Industries**

Sr.No.	Category	Regd. Units up to March 2005	Units regd. During 2005-06	Cum. Total up to Sept. 2006
1	Food Industries	23	0	23
2	Tobacco Industries	0	0	0
3	Textile Industries	110	3	113
4	Wood Industries	23	1	24
5	Paper & Paper based Industries	184	2	186
6	Leather Industries	2	0	2
7	Rubber & its product	20	1	21
8	Chemical Industries	122	6	128
9	Glass, Clay & Cement Industries	3	0	3
10	Non-ferrous Industries	0	0	0
11	Ferrous Metal	0	0	0
12	Machinery	62	6	68
13	Electrical Machinery Equipment	60	3	63
14	Transport Machinery	0	0	0
15	Others	1186	46	1232
	<b>TOTAL</b>	<b>1795</b>	<b>68</b>	<b>1863</b>

**D. Details of Industrial Co-operative Societies Registered in the District as on 31/03/2013**

Sr.No.	Type of Industrial Co-op. Society	Total Nos. Registered
1	Weavers	NIL
2	Leather Tanning	
3	Clay Industries	
4	Oil Mill	
5	Handicrafts	
6	Colour painting	
7	Woolen Galicha	
8	Other Handicrafts	
9	General Engineering	
10	Salt	
11	Building construction	
12	Women Co-operative Society	
13	Others	
	Total	

**E. Details of Top Fifty Large Scale & Medium Scale Units**

Sr.No.	Name of Units	Product
1.	Alok Industries Ltd.	Textile
2.	Hindutan Unilever Ltd.	House Hold Items
3.	JBF Industries Ltd.	Textile
4.	Reliance Industries Ltd.	Textile
5.	Apar Industries Ltd.	Oil
6.	Bhilosa Industries Pvt. Ltd.	Textile
7.	Sterlite Industries (I) Ltd.	Metal
8.	Krishna Knitwear Technology Limited	Textile
9.	Sterlite Technologies Ltd., (Power Transmission Business)	Optical Fiber
10.	Hindustan Petroleum Corp. Ltd.	Oil
11.	Micro Inks Limited	Ink
12.	KSL and Industries Ltd.	Textile
13.	Savita Oil Technologies Ltd.	Oil

14.	KLJ Plasticizers Ltd. (Unit-II)	Plastic
15.	JSK Industries Pvt. Ltd.	Textile
16.	Filatex India Ltd.	Textile
17.	Salasar Copper (Prop. Ram Ratna Wire Ltd.)	Metal
18.	Raj Petro Industries Ltd.	Textile
19.	Kalpana Industries Ltd.	Textile
20.	Eskay Knit (India) Ltd.	Textile
21.	Sanathan Textiles Pvt. Ltd.	Textile
22.	R R Kabel Limited	Cable
23.	Jay Bharat Textiles and Real Estate Ltd.	Textile
24.	Welspun Syntex Limited	Textile
25.	Johnson and Johnson Limited	Tiles
26.	Beekaylaon Synthetics Pvt. Ltd.	Textile
27.	Voltas Limited	Engineering
28.	Damodar Threads Ltd.	Textile
29.	Standard Greases and Specialties Pvt. Ltd.	Oil/Lub
30.	Unify Texturisers Pvt. Ltd.	Textile
31.	Chandra Protec Ltd.	Cable
32.	Visen Industries Ltd.	Metal
33.	Powerica Ltd.	Metal
34.	Advance Surfactants India Ltd.	Chemical
35.	Sun Pharmaceutical Industries Ltd.	Phamaceutical
36.	Columbia Petrochem Pvt. Ltd.	Oil
37.	Jai Corp. Limited	Textile
38.	Shubhalakshmi Polyesters Ltd.	Textile
39.	KLJ Polymers and Chemicals Ltd. Unit-II	Plastic
40.	Sunland Recycling Industries Limited	Metal
41.	Gammon India Ltd.	Textile
42.	KRYFS Power Components Ltd.	Power Component
43.	DNH Spinners Pvt. Ltd.	Textile
44.	Gandhar Oil Refinery (I) Ltd.	Oil
45.	Nilkamal Ltd.	Plastic

46.	Sunland Alloys	Metal/alloy
47.	Raj Rayon Industries Ltd.	Textile
48.	VHCL Industries Limited	Metal/alloy
49.	The Supreme Industries Ltd.	Plastic
50.	Jhaveri Flexo India Ltd.	Plastic

## II. INDUSTRIAL STATISTICS : Micro, Small & Medium Enterprises

### 1. (A) Progress in Micro Enterprises Registrations:

Year	No. of Regd. Units	Investment Rs. In Lac	Employment
02/10/06 to 31/03/2007	44	819.19	498
2007-08	138	1970.23	1274
2008-09	64	1424.00	901
2009-10	44	915.50	567
2010-11	40	1081.00	619
2011-12	46	1430.50	380
2012-13	32	1334.00	374
TOTAL	408	8974.42	4613

### 1. (B) Progress in Small Enterprises Registrations :

Year	No. of Regd. Units	Investment Rs. In Lac	Employment
02/10/06 to 31/03/2007	78	6249.00	851
2007-08	120	21874.00	4021
2008-09	75	15038.50	3097
2009-10	55	9753.00	2415

: 46 :

2010-11	36	8211.00	1073
2011-12	50	8829.00	1499
2012-13	59	15708.00	2204
TOTAL	473	85662.50	15160

**1. (C) Progress in Medium Enterprises Registrations :**

Year	No. of Regd. Units	Investment Rs. In Lac	Employment
02/10/06 to 31/03/2007	7	6548.00	527
2007-08	9	9431.00	730
2008-09	9	30184.00	259
2009-10	6	6384.00	606
2010-11	1	1398.00	179
2011-12	7	6522.00	411
2012-13	2	1580.00	110
TOTAL	41	62047.00	2822

**2. Talukawise Distribution of Micro, Small & Medium Enterprises :**

Sr.No.	Name of Taluka	Micro Units	Small Units	Medium Units	Total
1	U.T. OF DADRA AND NAGAR HAVELI	408	473	41	922

**3. Micro, Small & Medium Enterprises regarding by Group of Industries up to 31.03.2013.**

: 47 :

Sr.No.	Category	Micro Units	Small Units	Medium Units
1	Food Industries	9	4	0
2	Tobacco Industries	0	0	0
3	Textile Industries	30	72	12
4	Wood Industries	5	4	0
5	Paper & Paper based Industries	35	28	4
6	Leather Industries	0	1	0
7	Rubber & its products Industries	1	8	0
8	Chemical Industries	45	42	2
9	Glass, Clay & Cement Industries	1	0	0
10	Non-Ferrous Ind.	0	0	0
11	Ferrous Metal	0	0	0
12	Machinery	21	8	1
13	Electrical Industries	19	12	1
14	Transport Industries	0	0	0
15	Others	207	294	21
	TOTAL	408	473	41

Sr.No.	Name of Taluka	No. of Projects	Investment (Rs. In Lac)	Employment
1	U.T. OF DADRA AND NAGAR HAVELI	N.A.		

#### 5 Details of Industrial Cluster :

Sr.No.	Product	Taluka	No. of Units	Investment Production	Employment
	N.A.				

#### 6. BRIEF DETAILS OF FISCAL INCENTIVES TO THE INDUSTRIES IN DADRA & NAGAR HAVELI AS PER THE PRESENT POLICY OF THE ADMINISTRATION

##### (A) Sales Tax:

All categories of units I.E SSI, MSI and LSI in Dadra and Nagar Haveli Registration Applied/IEM Obtained on or before 31-12-1999 and ST/CST Registration Obtained on or before 30.04.2000 and started production on before 31.12.2002, shall avail sales Tax benefits up to 15 years. At present there is not ST exemption available to new enterprise in view of enforcement of VAT Regulation in this Territory.

##### (B) No Octrio Duty, Turn Over Tax is Applicable:

##### (C) Income Tax:

100% Income Tax Holiday for five years announced by Government of India and it is available to the entrepreneurs who commenced production from 01.04.1993 to 31.03.2004. At present there is no IT exemption available to new enterprise in view of discontinuation of I.T. Holiday Scheme by Government of India in this Territory.

##### (D) Electricity:



The union territory is receiving power from Central Grid and it is provided to the Industries at a competitive Rate comparing to the neighbouring States.

**(E) Labours:**

The Local labours are easily available to industries entrepreneur.

**(F) Benefits under the MSME Policy:**

Table showing the following benefits are available to the enterprises those who have filed memorandum with DIC & obtained acknowledgement under the provision of MSME ACT- 2006, enforced all over India w.e.f. 2nd October 2006. The Entrepreneur numbers are issued in part-I & Part-II. The enterprienures proposed to set up Unit/Enterprises files memorandum to DIC and obtained EM. NO in part-I. After setting up the project/manufacturing/service activities, enterprenures files memorandum and then the EM No in Part-II is issued to them.

<b>Benefits Available</b>	<b>To Micro Enterprises</b>	<b>To Small Enterprises</b>	<b>To Medium Enterprises</b>
Protection Against Delayed payment	Yes	Yes	No
Central Governments Measures for promotion & Development	Yes	Yes	Yes
Reservation of Items for manufacturing & production	Yes	Yes	No
Preference Policies	Yes	Yes	No
Simplified Exit Schemes	Yes	Yes	Yes

(Source : G./M. DIC, D. & N.H., Silvassa)

**POLLUTION CONTROL IN D & N.H.**

Whereas the Union Territory of Dadra & Nagar Haveli has been declared as an Air Pollution Control Area vide Notification No. G.S.R. 429 (E) dated 10/02/1989.

Whereas under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of air (prevention and Control of Pollution) Act, 1981, it is required to obtain consent from the Pollution Control Committee to establish or to take any steps to establish any industry, operate of process or any treatment and disposal system which is likely to discharge sewerage or trade effluent into stream or sewer or on land and also to operate any industrial plant in an air Pollution Control Area.

Whereas it is essential to facilitate regulated industrial growth of non polluting industries and to ensure environmental protection of the U.T. of Dadra & Nagar Haveri, it is decided to re-categorise industries depending upon their Effluent discharge, emission into Ambient Air, Generation of hazardous and solid wastes, foul odours and noise pollution, Hazard & Explosion potential and Public safety & health.

Whereas a Draft of a Notification has been issued by the Administrator of Dadra & Nagar Haveli in exercise of the powers conferred by Sub Section (1) read with clause (v) of sub-section (2) of Section 3 and clause (e) of Sub-Section (2) of section 6 of the Environment (protection) Act, 1986 (29 of 1986) and Government of India, Ministry of Home affairs Notification S.O. 67 (E) dated 10/09/1992. The above notification has been published as required under Sub rule (3) of Rule 5 of the Environment (Pretection) Rules, 1986, vidde No. PCC/DMN/13-III/98-99/232 dated 4/12/1998 for the information and to invite objections/suggestions from all parsons likely to be affected thereby.

And whereas an open house session has been convened on 13.2.1999 in the Conference hall, Secretariat, Daman to elicit the views of all concerned. The suggestions and objections made in the Open House Session and the written submissions/Objections/Suggestions received have been duly considered by the Administration.

Now therefore, in supersession of all Notifications issued in this regard, the Administrator of Dadra & Nagar Haveli is hereby pleased to classify all industries into White, Green, Orange and Red/Banned categories. The manufacturing processes, and the detailed lists of industries included in White, Green, Orange and Red/Banned categories are furnished separately as Schedule I,II,III & IV respectively.

Details of consent fees structure applicable for the above categories of industries depending upon the capital investment which is construed to include land, buildings, plants and machinery without depreciation is furnished as Schedule-V.

The Administrator hereby reserves the right to modify or amend the Notification in future, if found necessary.

**Schedule-I**

**WHITE CATEGORY INDUSTRIES**

**PREAMBLE:**

**White Category Industries are Those :**

- (1) Who neither use abnoxious nor hazardous substances like inflammables, explosives and toxic etc.
- (2) Who do not use Boilers, Thermic Fluid Heaters, Furnaces, Heaters, Dryer, Oven, Incinerator, Coal/Gas/Oil/Fire wood burnt Chulas etc.
- (3) Who do not use D.G. Set.
- (4) Whose Ambient Noise levels (Leq) shall not exceed 70 Db at any given time.
- (5) Whose water consumption shall not exceed 5.0 KLD.
- (6) Who use Cooling tower where water consumption is not more than 5.0 KLD.
- (7) Who do not generate solid/liquid waste except reusable waste.
- (8) Who are in TINY, COTTAGE and SSI Sectors.
- (9) Who do not employ not more than 100 persons.

For obtaining consent to establish/operate/Renewal of industry, applications are required to be made only in form No.XIII of the Water (prevention and Control of Pollution) Act, 1974. Consent to operate shall be issued at a time upto Five years.

For the benefit of investors/entrepreneurs and all concerned names of the industries who qualify the above criteria and can be called as white List of Industries are given in the Schedule- The lists are not exhaustive but only representative in nature.

**Schedule-1(i)**

**1. Electronics and Electrical Products by way of Assembling:**

- Assembly and testing units.
- Assembly of Clock and Watches
- Automatic voltage stabilizers, Uninterrupted power supply machines.
- Bakelite electrical accessories.
- Battery charges, Battery testers
- Bicycle dynamo.
- Call bell and buzzers
- CRT data display monitors
- Domestic Electrical/Electronic appliances, Radio, tape recorder, VCR, VCR, TV and all audio-Video equipments, Loud speaker, Electrical Iron, Fan, Push Button Staters, T.V. Antenna, T.V. Booster, Amplifiers & T.V. Tuners (Turret Type)
- Electric kettles, egg boilers, coffee percolators, Espresso Coffee maker.
- Electric motors and all other wire winding works
- Electrical switches, panel boards, Switch board, Control panels and Distribution boards.
- Fluorescent tube-light fittings and fixtures.
- Hearings aids
- Injection moulded firemer (spare parts)
- Miniature Circuits breakers, solid state lights dimmers & twilight switches.
- PCB assembly with electronic components
- Printed circuit boards, Miniature bulbs, decorative bulbs, tube light chokes & night lamp.
- Room coolers, air coolers, water coolers, water heaters & Air conditioners (wihtout gas filling or Charging)
- Telescopic Articles
- Transformers
- Valve and transistor radio
- Water meters.

**2. Engineering Fabrication and Assembly without Chemical Process and Heat Treatment.**

- Agriculture equipment's like Tractor trailer, farm field vehicles & wheels for bullock carts & vehicles used for farming by way of fabrication only.
- Atta Machine, Besan mill, Atta Chakki, Masala Chakki, Dal Mills.
- Aluminium Hangers
- Aluminium windows, doors, shutters
- Bicycles and tricycles parts and assembly
- Engineering workshop, machine shop, press shop, fabrication shop, smith shop, turning shop, fitting shop.
- Iron cots
- Motors and pumps
- Musical instruments
- Nuts, Nails, bolts
- Power press
- Screw drivers
- Steel & Metal Containers
- Surveying instruments
- Tool Manufacture
- Weighing Machines and other technical equipments such as drawing instruments.
- Manufacture of metal caps/crowns.

**3. Paper Products (excluding manufacture of Paper and Pulp)**

- Bags, envelopes, cones, tubes, toilet rools, exercise books, registers, boards, letter pads, folio, file cover, file box & paper bag without printings except screen printing.
- Book Binding
- Tele Printer roll using paper/cardboard
- Insulation and other coated papers
- Paper cups and plates
- Wax paper & thermal paper.

**4. Plastic Products:**

- All plastic products manufactured using virgin raw materials and inhouse waste by way of injection moulding, injection blow moulding, roto mouldings, blow moulding, hand moulding, extrusion only with or without screen printing.
- Plastic fabricated products
- Thermowelded, thermosetting products
- Woven and Non-woven sacks.

**5. Textile Products (Excluding Dyeing, Washing, Bleaching or any Chemical/Wet Processes)**

- Carpet weaving
- Cotton rope
- Garments, Handicrafts
- Gold and Silver Zari thread and lace work
- Hosiery-cotton and woollen
- Ready-and Survey instruments
- Windows, Doors, Furniture, Shelves, Storage cup boards & Racks.

**6. Wooden Fabrication (Circular saws upto 16” diameter are only permitted. Band Saw not permitted). The applicant should obtain No Objection Certificate or Licence from the concerned forest Department.**

- Bamboo and cane articles/products (only dry operation)
- Crates, Boxes, Packing cases & Cable drums
- Drawing boards
- Plugs, Handles, Screws, Bobbins, Wheels, Nails & Pegs
- Sewing machine covers & frames
- Tent poles, Engineering and Survey instruments
- Windows, Doors, Furniture, Shelves, Storage cup boards & Racks.

**Schedule-I (iv)**

**7. Wire and Metal Fabrication:**

- Air break switches and drop out fuses
- Clips from finished wire
- Wire brushes

**8. Misc. Items in SSI Sector:**

: 55 :

- Agarbatti
- Wax Candles
- Basket Making
- Chalks
- Dolls and Toys
- Handicrafts
- Moulding using Plaster of Paris
- Seat Covers, Shoe making & leather goods (Stuffing and Stitching only.)
- Smoking Chula
- Assembly of body carriages and other small non-motorised vehicles
- Groundnut decorticating (dry)
- Oil-ginning/expelling (Non-hydrogenation and no refining)
- Automobile servicing and repair stations.
- Cooker handles & photo frames
- Gold and silver smithy
- Jewellery and Diamond (polishing/Cutting)
- Musical instruments manufacturing
- Pottery
- Raincoats & Umbrella (Tailoring and sealing)
- Spectacle Frame
- Sports Goods
- Surgical Bandage & Gauges
- Coir units
- Assembly of camera parts.

**Schedule-II(i)**

### **GREEN CATEGORY INDUSTRIES**

#### **REAMBLE:**

All White list industries in MSI and LSI Category would fall under Green Category.

Any Industry listed in white Category and intend to use any or all utilities like D. G. Sets, boilers, thermic fluid heaters, furnace, chulas, ovens, heaters, dryers and incinerator would fall under Green Category.

Under this category only the below mentioned capacities of installation/equipments is permitted. Any equipment whose capacity exceeds the above limits shall fall under Orange Category.

Boiler-600 kg/hr.

Theermic fluid heater-2 lakh kilo calories/hour

Cooling towers-60 TFR

All green Category industries are required to make separate applications under water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control Pollution) Act, 1981.

List of industries classified under Green Category is as under. The list is not exhaustive but only representative in nature.

**1. FOOD:**

1. Manufacture of food products with processing capacities less than 100 kg/day.
2. Manufacture of Biscuits, Pastries, Confectionery, Bread & Bakery Products, Cold Storage Units.
3. Ice plants upto 20 tons/day capacity.
4. Mineral Water and Soft drinks (bottling plants) and aerated drinks upto 5 KLLD of Process Water.
5. Processing and packing of tea, coffee, cocoa, spices etc.
6. Manufacture of Milk Products
7. Rice Milling and flour mills
8. Salt Manufacture
9. Manufacture of industrial, medicinal and domestic food grade perfumes and flavours by way of mixing and blending.
10. Oil Expelling.

**Schedule-II(ii)**

**2. TEXTILE PRODUCTS:**

1. Yarn Texturing/Crimping/Twisting Units.
2. Power looms, Knitting, Jacquard knitting, Circular knitting & weaving.

**3. CEMENT PRODUCTS:**

1. Cement Jali, Cement hume and spun pipes, cement bricks. Blocks (hollow and solid), poles, manhole covers and tanks



2. Mosaic and chequered tiles
3. Railway sleepers & RCC slabs.

**4. PLASTIC PRODUCTS:**

1. Manufacture of plastic products by way of grinding, pulverization and printing.
2. Manufacture of PVC cables, compounds & master batches
3. BOPP, self adhesive, insulation and special tapes
4. All lamination works
5. Manufacture of thermoplastics and disposable items
6. Thermocole products

**5. METAL PRODUCTS:**

1. Aluminium and other metal fails by way of rolling
2. Emgineering fabrication with pickling, Degreasing and phosphating, power Coating & Spray painting.

**6. PAPER PRODUCTS:**

1. Carrugated containers/boxes with/without printing.
2. Photographic and other films and paper-by way of cutting. Sprokelling, slitting and pack.

**7. ELECTRICAL PRODUCTS:**

1. Air conditioners, chest coolers 7 bottle coolers with gas filling.

**8. WIRE PRODUCTS:**

1. Wire drawing and bailing straps.

**9. CHEMICAL UNITS:**

1. Enamel coating of wire
2. Manufacture of dry distempers
3. Pigments by drys blending
4. Cable filling compounds
5. Antistatic conings oil by blending
6. Essential oil by distillation process including pharmacopocial grade.
7. Insecticide chalks & mosquito repellent mats
8. Cleaning powder (by way of dry blending only)
9. Camphor Tablets.

**10. COSMETICS:**

1. Hair oil
2. Tooth Powder
3. Manufacture of hearbal products
4. Nail Polish, deodorants & sprays

**11. MISCELLANEOUS:**

1. Hospitals and clinics
2. Restaurants
3. Rubber moulded goods
4. Fiberglass moulding
5. Footwear manufacture
6. Biogas
7. Briquetted fuel
8. Laundries
9. Manufacture of Cork sheets
10. Mirror making
11. Glassworks and optical lens by way of cutting, grinding and polishing only
12. Manufacture of animal feed (only for operation
13. Pulp products by moulding and extrusion.

**Schedule-III(i)**

**ORANGE CATEGORY INDUSTRIES**

**PREAMBLE:**

All those industries which are significant to Water, Air and Noise Pollution and have potentials for generations of solid and hazardous wastes are classified as Orange Category Industries.

Since industries falling in Orange category are required to establish Effluent Treatment Plant (ETP) and/or Air Pollution Control Devices (APCD) and/or facility for safe disposal of Solid/Hazardous wastes and/or Compost pits, new units shall not generally be permitted in Galas.

They require to make separate applications under water (Prevention and Control of Pollution) Act, 1974 and air (Prevention and Control of Pollution) Act, 1981. Operate/Renewal Consents shall be granted for only one year.

All Industries falling under this category are required to provide separate energy/electricity meter to the ETP and APCD and should engage qualified personnel to operate such installations. They will also provide Water/flow meters at inlet & outlet of RTP and necessary sampling and Monitoring facilities as required under various Environmental Acts/ Rules.

They are required to submit an Environmental Audit Report for every financial year ending 31<sup>st</sup> March in form – V of the Environmental (Protection) Rules, 1986 on or before 15<sup>th</sup> May every year.

If any industry produces/uses HW in their manufacturing process they require to take authorization to collect, treat, store, transport and dispose the same in compliance with the provisions of Hazardous wastes (Management and Handling) Rules, 1989. They are also required to make necessary arrangements to store solid wastes and will also comply with the Provision of Manufacture, Storage, import of Hazardous Rules, 1989 Wherever applicable.

All major water consuming industries are required to obtain permission from the concerned authorities to tap ground/surface water and accordingly pay water Cess in accordance with the Water (Prevention and Control of Pollution) Cess Act, 1977 and water (Prevention and Control of Pollution) Cess Rules, 1978 as amended from time to time.

**Schedule-III(ii)**

**NAMES OF INDUSTRIES WHO FALL UNDER THIS CATEGORY ARE AS DETAILED BELOW:**

**ORANGE CATEGORY:**

1. Mining of minerals, stone crushing units in selected areas only.
2. Manufacture of Ceramics & Sanitarywares
3. Manufacture of Lime.
4. Brick kilns and Tiles
5. Manufacture of Detergents and Soaps.
6. Manufacturing of Lubricating Oils & greases by mixing & blending.
7. Manufacture of laboratory reagents.
8. Manufacture of Foods, Pickles, Sauces, Jams, Flavours and additives where processing capacity of the unit is more than 100 kg/day
9. Manufacture of beverages

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10. Milk Processing and dairy products
11. Manufacture of fruit pulp and concentrates
12. Bone meal
13. Aqua culture and hatcheries
14. Formulation of Pharmaceutical products i.e. tablets, syrups, capsules & Injectables, Lotion, Creams, Ointments & Sprayss (Manufacture of Technical grade material not permitted)
15. Formulation of Pesticides / Insecticides / Fungicides / Algicides / Herbicides / Agrochemical units by mixings and blending only.
16. Manufacture of Cosmetics, Toiletries, Personal Health Cares Products, Disinfectants, Mosquito repellents by mixing and blending only.
17. Manufacture of hair dye, hair pigment & talcum powder.
18. Hotels with more than 25 rooms.
19. Recycling of first generation Industrial plastic waste.
20. Manufacture of anti corrosive materials, water based emulsions.
21. Galvanisation process
22. Manufacture of POY
23. Manufacture of Oleoresins, Epoxy resins, Synthetic resin and paper finishing compounds
24. Metal processing units
25. Aluminium and other metal foils by way of rolling
26. Manufacture of Zinc oxide and dust including Pharmaccopocial grade
27. Pulverising, Segregation, Melting of Scrap, metals and manufacture of Alloys
28. Manufacture of permanent magnets
29. Thermo-foaming units.

**Schedule-III(iii)**

30. Nephthalene ball, phenyl, rubber gloves
31. Retreading of tyres and manufacture of rubber parts by kneading and extrusion.
32. Manufacture of glass ampoules
33. Epoxy coating
34. Teflon coating
35. Manufacture of MS drums and containers

36. Poultries
37. Manufacture of growth promoters, nutrients regulators and granulation by mixing and blending only
38. Lamination of veneer and plywood
39. Manufacture of paints, enamels, thinners, polishes, laquers, varnishes, reducers, solvents and retarders by way of mixing and belding
40. Manufacture of ball bearings, nuts, bolts & screws.
41. Manufacture of Photographic paper
42. Manufacture of writing and printing ink using Master batch by way of mixing and blending only. (Usage of Diazo dyes are not permitted)
43. Production of acid slurry through Sulphuric Acid Sulphontion and Sulphur burning process.
44. Gas, Oil and Electric Furnaces involved in production of ingots, wires, bars, tubes & sections of ferrous and non-ferrous metals.

**Schedule-IV(i)**

**RED OR BANNED LIST**

**PREAMBLE:**

All Those industries which are considered to be highly polluting and use Toxic, Corrosive, Explosive, Hazardous Abnoxious Chemicals, materials & products and highly inflammable materials in their manufacturing process are included in the Banned Category of Industries which shall be known as Red Category industries. This list also includes those industries/manufacturing processes/products who may endanger public health, safety and Environment.

For Red Category industries neither new establishment consents shall be granted nor production capacities enhanced. These industries need frequent monitoring and close scrutiny and hence Renewal Consent shall be granted for only one year.

All Red categorys industries must have full fledged ETP and APCDs provided with separate energy/electricity meter and will engage qualified personnel to operate. They should also provide Water/Flow meters at inlet & outlet of ETP and shall submit Analytical Test Report for every quarter.

They are required to submit an Environmental Audit Report for the financial year ending 31<sup>st</sup> March in the form –V of the Environmental (Protection) Rule, 1986 on or before 15<sup>th</sup> May every year.

If any industry produces/use Hazardous/wastes in their manufacturing process should obtain Authorisation to collect, treat, store, transport and dispose the same in compliance with the provisions of Hazardous wastes (Management and Handling) Rules, 1989. If any industry uses any chemicals listed in Schedule-I, II & III of Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, they shall follow the provisions of said Rules.

All major water consuming industries are required to obtain permission from the concerned authorities to tap ground/surface water and accordingly pay Water Cess in accordance with the Water (Prevention and Control of Pollution) Cess Act, 1977 and Water (Prevention and Control of Pollution) Cess Rules, 1978 as amended from time to time.

**1. Chemicals:**

1. Manufacture of Organic and inorganic gases.
2. Manufacture of alkalis, acids and electro-chemicals
3. Manufacture of Barium chemicals

**Schedule-IV(ii)**

4. Manufacture of chlorates, perchlorates, permanganates and peroxides
5. Manufacture of Chlorine, Fluorine, Bromine, Iodine and their compounds.
6. Manufacture of Industrial carbon and carbon products
7. Manufacture of Cyanides
8. Manufacture of gelatine
9. Manufacture of Inorganic chemical fertilizers.
10. Manufacture of technical and intermediaries of Synthetic pesticides/insecticides/algicides/herbicides/Agrochemicals
11. Production of acid slurry through Oleum Sulphonation process
12. Manufacture of Writing & printing ink and their intermediates, those not falling under Orange Category.
13. Usage of Diazo dyes
14. Manufacture of Photographic film and chemicals
15. Manufacture of Dyes, dye stuffs and dye intermediaries.

**2. Petrochemicals:**

- 16. Petrochemical industries-processing and reprocessing including fractional distillation.
- 17. Petrochemical intermediates such as DMT, Caprolactum, LAB etc.
- 18. Plastic (raw material)
- 19. Refineries
- 20. Manufacture of Plasticizers

**3. Mines & Minerals:**

- 21. Cement Plant
- 22. Coal and other mineral processing industry (wet & dry). Sintering, pelletization and liquification of coal.
- 23. Making of coke and manufacture of by-product of coke ovens and coal tar distillation products.
- 24. Manufacture of Asbestos and Asbestos products
- 25. Manufacture of glass and fibre glass
- 26. Manufacture of phosphorous and its compounds
- 27. Nuclear Power Plants and projects dealing with nuclear/radio-active material.
- 28. Rock phosphate-mining and processing
- 29. Thermal Power plants

**4. Metals:**

- 30. All Primary Metallurgical industries
- 31. Foundry and forging
- 32. Smelters of Aluminium, Copper, Lead and Zinc etc.
- 33. Manufacture of Lead and Lead products

**Schedule-IV(iii)**

**5. Explosives:**

- 34. Manufacture Explosives including detonators and fuses etc.
- 35. Manufacture of fire crackers, Match sticks

**6. Food & Beverages**

- 36. Manufacture of alcohol and beer through distillation and/or fermentation process.
- 37. Blending and bottling of Indian Made Foreign Liquor and Country Liquor

- 38. Manufacture and processing of Tobacco products, gutka, katha and kutch.
- 39. Meat processing units
- 40. Poultry feed
- 41. Slaughter houses
- 42. Sugar and Khandsari industries.

**7. Miscellaneous:**

- 43. Dyeing of textile and Non-Textile grade fibres, yarns and products and all dying processes.
- 44. Electrothermal products such as artificial abrasives, calcium carbide etc.
- 45. Manufacture of paper, pulp and newsprint
- 46. Storage batteries
- 47. Tanning, dyeing and processing of animal skins, hides, leather etc.
- 48. Wood based industries except the ones mentioned in white list industries
- 49. All kinds of electroplating and electrolysis processes
- 50. Manufacture of Tyre, synthetic rubber and tubes
- 51. Industries that produce hazardous wastes/products and by products as notified by the GOI, UNDER Schedule II of Hazardous wastes (Management & Handling) Rules, 1989.



**CHAPTER-VII**

**NEW INDUSTRIAL POSSIBILITIES**

Union Territory of Dadra & Nagar Haveli offers good scope for entrepreneurs to establish new industrial units for manufacturing various products. The industrial potentialities of an area would be related (A) the resources of the area (B) the local demand (C) some special conditions in the area. The first two sources of industrial potentialities are self-explanatory. The third source of industrial possibilities as mentioned relates to factors which is not have universal applicability but special to a particular area.

The existing industrial structure in the area shows a market tendency of shift towards the demand based industries. This is also indicative of the fact that there does not exist much scope in the district for resource based industries. However, there cannot be any strict demarcation between the demand based and resources based industries in the matter of their respective growth.

On the basis of personal discussion with the concerned people in the trade and industry and other information from the field, it is considered that the following industries have the potential to come up in the district.

**New Industrial Potential in Dadra & Nagar Haveli**

**1. Resource based Industries:**

<b><u>(A) Agro Based Industries:</u></b>	<b><u>NIC 2004 Code</u></b>
(1) Tuti Fruity	15134
(2) Pickles	15136
(3) Mango Papaya Chutney	15136
(4) Potato Wafer	15499
(5) Banana Wafer	15134
(6) Potato Powder	15134
(7) Banana Powder	15134
(8) Rice Bran Oil	15142
(9) Papad & Pickles	15496
(10) Canning of Fruits and Vegetables (Mango Plub)	15429
(11) Sewai	15316
(12) Jam, Jellies & Marmalades	15135
(13) Jelly Crystals	15135

(14) Ice Cream Powder	15205
(15) Custard Powder	15494
(16) Mamra and Poha	15319
(17) Mini Modern Rice Mills	15312
(18) Biscuits, Bread & Bakery Products	15419
(19) Flour Mill	15311
(20) Surgical Cotton	24236

**(B) Livestock Based Industries**

(1) Leather Footwear and Leather goods	19201
(2) Bone Mill	15331
(3) Meat Packing and Poultry Dressing	74550
(4) Cattle Feed	15331
(5) Poultry Feed	15332
(6) Toys and Handicrafts From Horn	19129
(7) Leather Decorative Items	19122
(8) Garmets	18101
(9) Leather Bags & Purse	19122
(10) Leather Tanning	19113
(11) Dairy Milk Processing and Dairy Products	15201

**(C) Fish Based Industries**

(1) Fish Processing	15121
(2) Fish Meal	15119
(3) Fish Prawn Pickles	15125
(4) Ice Blocks	25199
(5) Fish Feed	15125

**(D) Forest based Industries:**

(1) Wooden Furniture & Fixture	36101
(2) House hold Articles	25207
(3) Wooden Toys	36939
(4) Flush Doors	20221
(5) Wooden Joinery Items	20299

(6) Wooden Craft	36942
(7) Truck Body Building	34201
(8) Rope Making	60211
(9) Wooden Carom Board and Billiard and Tables	36931
(10) Photo Frame and Plastic Lamination	33209
(11) Packing Boxes, Cases & Cable Drums	20239
(12) Drawing Boards	39931
(13) Plugs	25199
(14) Handles	20199
(15) Sewing Machine Covers & Frames	36999
(16) Office Gum Paste	36991
(17) Agarbatti Sticks	24248
(18) Bamboo and Cane Articles/Products	20239
(19) Agricultural Implements, Carts and Wheels	29212

**(E) Mineral based Industries:**

(1) Stone Crushing	14106
(2) Bricks	26933

**2. Demand Based Industries:**

Discussions were held with the Officers of Industries Promotional Agencies, Leading Small Scale Industries and Industries Association in the U.T. and considering the customs, habits, standard of living of the local people etc. Following Industries are suggested for district based on the demand;

(1) Agricultural Implements	20295
(2) Industrial Paints	24222
(3) Readymade Garments	18109
(4) Plastic Items	25209
(5) Steel Furniture	36102
(6) Machine Tools	29199
(7) Tyre Retreading	25114
(8) Nut Bolts	28991
(9) Seat Cover (Truck Bus Leep and Two Wheeler)	19129
(10) Bearing all Sizes	29131

(11) Hand Tools	29229
(12) Agricultural Small Equipments	20295
(13) Exercise Note Book and Stationery	36991
(14) Corrugated Paper Boxes	25207
(15) PVC Conduit Pipes	25206
(16) Voltage Stabilizer	33121
(17) Cold Storage	63022
(18) Handicraft Items	36998
(19) Carry Bags All Sizes	25204
(20) Tin Containers	28121
(21) Ball Pen & Refills	24299
(22) Plywood	20211
(23) Hosiery Items	17302
(24) Chemical Items	24119
(25) Cosmetic Items	24246
(26) Manufacturing Process of Plastic Waste Material	37200
(27) Manufacturing of Plastic Items from Waste Material	25209

**3. Job Work & Service Based Industries:**

(1) Metal Works, Gates & Grills	28111
(2) Typing & Computer Classes	72300
(3) Restaurant	55209
(4) Carpentry	36101
(5) Atta Chakki	15311
(6) Agro Service Centre	29218
(7) Repairing of Electrical & Rlectronics Items	52603
(8) Two Wheeler Repairing & Servicing	56404
(9) Decorative Services	55204
(10) Xerox Cyclostyling	74993
(11) Pathological Laboratory	85195
(12) Hair Saloon/Beauty Parlour	93020
(13) Laundry & Dry Cleaning	93010
(14) Battery Assembling/Charging	31404
(15) Agricultural Equipment Servicing	

(16)Fruit Juice Centre	15134
(17)Caterer and Decorators	55204
(18)Provision Store	52110
(19)Fast Good and Snacks Parlour	55209
(20)Coaching Classes	80902
(21)Tailoring Shop	18105
(22)Advertising Agency	74300

#### 4. **Ancillary Industries**

The requirements of medium/large scale industries based on which new ancillary industries could be considered for establishment in the U.T. are as given below:

(1) Packing Boxes	21023
(2) Bobbins (Metal)	29265
(3) Standard Bolts and Nuts	28991
(4) Thermocol	23209
(5) Textiles Machinery Parts	29261
(6) Favicols	21091
(7) Geared Motor	29131
(8) Bearings Various Types	29131
(9) Various Size Electric Cable with Accessories	31300
(10)Electronics Component Various Types	31909

Before setting up the above industries based on the ancillary requirements of medium/large scale industries, the prospective entrepreneurs are advised to ensure that the concerned units will be Willing to obtain their requirement from them consistent with quality. They are advised also enter into certain understanding in this regard before starting such industries. The above list of prospective industries is not an exhaustive list but a guideline. An entrepreneur may select items other than those listed above. If he is confident of making of the same in these days of competition, the skill of the entrepreneurs plays vital role in establishing the industries and running the same successfully.

#### 5. **Tourism Industries (63040):**

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This beautiful territory gifted with enchanting natural beauty holds great promises for development of tourism. Accordingly, the administration has taken several measures and has obtained substantial assistance from Central Govt. for the rapid growth of tourism sector. The proposal to declare the tourism as an industry in this area is in advanced stage of consideration by the centre.

The tourism department has created the following tourist centres in the territory after liberation:

1. Vanvihar Tourist Complex at Chauda, Khanvel
2. Vandhara Garden at Silvassa
3. Vanganga Lake and Island Garden at Dadra
4. Indira Priya Darshini Udhyan at Silvassa
5. Tapovan Udhyan and Tourist Complex at Bindrabin
6. Tribal Museum at Silvassa alongwith a Handicraft Centre
7. Health Resort at Kauncha
8. Madhuban Dam, Karad
9. Lion Safari Park, Vasona
10. Tentage Complex at Dudhani with water sports facility
11. Hiravan- a Colourful river side garden with water holes, Cascades and other attractions at Piparia
12. Children Park, Silvassa
13. Tourist Reception Centre, Silvassa
14. Tourist Resort, Luhari
15. Yatri Nivas, Silvassa
16. Tourist Resort, Kauncha
17. Deer Park Sat Malia, Dapada
18. Titligadh, Khanvel
19. Prakruti Parichay Kendra, Khanvel
20. Nakshtra One- Silvassa Forest Deptt.
21. Vaga Chouda

There is wide scope for the development of tourism development industries alongwith related hotel, Motel and travel etc. facilities.

**Details of Selected Industries Developed in Dadra & Nagar Haveli**

**(1) Cold Storage (63022) :**

Dadra & Nagar Haveli (U.T.) is a predominantly agricultural based district. The U.T. is producing tones of fruits and vegetables. Major production of fruits and vegetables is consumed fresh. In season it is possible to sell all the produce and get good market price. As most of fruits and vegetables are perishable and cannot be consumed all at a time, they need to be stored. Commercial refrigerated preservation of perishable commodities is a short term process to avoid wastages of fruits and vegetables.

The Progressive increase in the productivity of these perishable commodities has necessitated the development of coldstorage facilities. The development of cold storage industries has therefore an important role to play in reducing the wastages of the perishade commodities and thus providing remunerative prices to the growers. At present a plant with a total fixed investment of 15 lakhs with 450 MT production capacity per annum.

**(2) Surgical Cotton (24236):**

Surgical cotton is chiefly used for medical purposes and has got increasing demand in the area. Surgical cotton is made from raw ginned cotton, then chemically treated and purified. It also involves various production process and it required to sterilize to cotton and give it in the shape of final product. With the increasing standard of living in general and becoming health consciouss in particular the product is constantly having the demand. There is scope for one to two units in the U.T. for which the raw material will not be a constraint, if the short staple cotton is used. A viable unit with daily capacity of manufacturing one tone of surgical cotton will require on investment about Rs.12 lakhs in plant & Machinery. In case hand process for bleaching is adopted investment will be low.

**(3) Hair Oil (24247):**

Hair oil mainly comprises of oils of vegetables or animal origin as a base and a suitable blended perfume. The vegetable oils commonly used are coconut, castor and sesame oils. Benzoated oils are also sometimes used as base material for hair oil preparation. To avoid rancidity of hair oils antioxidants are added in very little quantities.

The perfumes used for preparation of hair oils should not be fugitive and to prevent this they are usually fixed by sandal wood oil or other fixatives.

The hair oils may be coloured by the use of oil soluble colour. Only those dyes should be used which are not injurious.

With the increase in urbanization, income level and improvement in standards of living, the demand for cosmetic products viz. Cream, hair Oil, Powder etc. is progressively increasing. Although there is a tough competition in this line but there exists a gap between demand and supply for the quality products.

**(4) Bread (15411):**

Bread is a fast and convenient food based on wheat. There are many varieties of bread depending upon the local demand like whole flour bread, brown bread, bread fortified with vitamins and minerals, milk bread and bread for diabetic patients. Its consumption is more. Bread and Biscuit consumption is increasing day by day and these are being increasingly used for various feeding programmes for children managed by voluntary agencies and State Department of Health.

The raw material required for bread in wheat flour/maida which is available in plenty in the country considering increase in wheat production. The manufacture of bread is exclusively reserved for small scale sector.

**(5) Potato/Banana Wafers (15499):**

In India around 12 million tones of potato is grown which is about 4% of the total world production. However, the per capita consumption of potatoes is low. It is estimated that 25% of the potatoes, which are spoiled due to various reasons such as transportation, type of packing, non-availability of cold storage capacities during harvesting season, glut in the market etc. could be saved by making various preserved potato products. Potato wafer is one of such products which has a great potential as this is considered as one of the traditional foods of India. Potato wafers are needed to be made in a scientific manner and under hygienic conditions.

Banana is one of the most important fruits in India and occupies about 27.4 thousand hectares area with an annual production of about 42.33 thousand tones. The main banana growing State is Maharashtra nearby U.T. Banana contains about 20% sugar and reasonable amount of vitamins A,B and C. This is considered to be a rich source of energy producing food. It is consumed in several forms and



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preparations and amongst which Banana wafer is considered to be the most important item.

The popularity of snack foods is growing fast day by day and potato and banana wafers have emerged as a potential snack food. A number of organized as well as unorganized groups are already there for catering to the needs of tea stalls, restaurants, railway stations, Bus stations, tourist places etc. Still there is a huge demand to be met for these products in interior and remote places in different parts of the country.

**GOVT. & NON-GOVT. AGENCIES**

There are many Government and non-Government agencies involved for the development of industries in the U.T. Some agencies are given below:

**Name, Address & Phone Nos. Of Various Institutes Assisting MSMEs**

1. General Manager, 0260-2642367  
District Industries Centre,  
Udyog Bhava, 2nd floor,  
Silvassa, D. & N.H. (U.T.)
  
2. Lead Bank, 0260-2643820  
Dena Bank,  
Kalyankunj Building, 1st floor,  
Nr. Circuit House, Silvassa-396230  
D & N.H. (U.T.)
  
3. Br. MSME 0260-2640933  
Govt. of India, Ministry of MSME,  
Masat Industrial Estate,  
Silvassa-396230 D & N.H. (U.T.)
  
4. Managing Director, 0260-250421, 250743  
Omnibus Industrial Development  
Corporation of Daman & Diu. and  
Dadra & Nagar Haveli Ltd.  
Fort Area, Moti Daman-39220 (U.T.)
  
5. The Regional Manager 079-27551618  
National Bank for Agriculture & Rural  
Deveopment, NABARD Tower,  
Opp: Municipal Garden, Usmanpura,  
Ahmedabad-380013.

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6. Regional General Manager, 0260-6534514  
105, 106, Hotel Viraj Building,  
Opp. Gurudev Complex, Sayli Road,  
Silvassa-396230 D & N.H. (U.T.)
  
7. Director 079-23969153, 23969158  
Entrepreneurship Development Institute  
Of India,  
Bhat Village, Indira Bridge,  
Hansol, Ahmedabad.
  
8. Executive Director, 079-26639692  
National Institute of Design,  
Opp.: Tagore Hall, Paldi,  
Ahmedabad-380007
  
9. General Manager 079-27543068  
Small Industries Development  
Bank of India,  
Navjeevan P.O.,  
B/h. Gujarat Vidyapith,  
Ahmedabad-380014
  
10. Electricity Department 0260-2642338  
Silvassa-396230  
Dadra & Nagar Haveli

**CHAPTER – VIII**

**CONCLUSION**

District Industrial Potentiality Survey Report of Dadra & Nagar Haveli (U.T.) consists of Seven Chapters alongwith Two Annexures. Efforts have been made to collect and compile the important statistics on population, data statistics of resource and infrastructure facilities.

There has been specific focus on the present industrial structure of the district in respect of Micro, Small and Medium scale Enterprises and large scale units.

The report also indicates the new industrial potentialities in the U.T. covering resource based, demand based and ancillaries in the Dadra & Nagar Haveli (U.T.) which offers good scope for entrepreneurs to establish new industrial units to the manufacturing as well as service based entrepreneurs.

**REFERENCES**

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2. Potential linked credit plan 2014-15 of D & N.H. (U.T.) prepared by NABARD Regional Office, Ahmedabad.
3. Socio Economic Development of D & N.H. 2011-12 prepared by Administration of Dadra & Nagar Haveli, Department of Planning & Statistics, Silvassa, D & N.H. (U.T.)
4. Population data prepared by Deptt. Of Planning & Statistics, Silvassa, D & N.H. (U.T.).

**ABBREVIATIONS**

1. D.I.C.	District Industries Centre
2. MSME	Micro Small & Medium Enterprise
3. I.T.I.	Industrial Training Institute
4. M.D.R.	Major District Road
5. O.D.R.	Other District Road
6. U.T.	Union Territory
7. Hect.	Hectare
8. No.	Number
9. Deptt.	Department
10. D & N.H.	Dadra & Nagar Haveli
11. K.M.	Kilometers
12. N.H.	National Highway
13. N.T.P.C.	National Thermal power Corporation
14. K.V.	Kilovatt
15. Co-op. Socy.	Co-operative Societies
16. S.D.P.	Skill Development Programme
17. P.W.D.	Public Works Department
18. O.I.D.C.	Omnibus Industrial Development Corporation
19. PMEGP	Prime Minister Employment Generation Programme
20. N.S.I.C.	National Small Industries Corporation
21. Regd.	Registered
22. SHG	Self Help Group
23. NABARD	National Bank for Agriculture and Rural Development.
24. SWIFT	Single Window Investor Friendly Time Bound System.

**ANNEXURE-II****BROAD SECTOR-WISE PLP PROJECTIONS**  
**(UNION TERRITORY) DADRA AND NAGAR HAVELI 2014-2014**

(Rs. In Lakhs)

<b>Sr.No.</b>	<b>Sector</b>	<b>2014-15</b>
1.	Crop Loan Production, Maintenance and Marketing	597.00
	<b>Agriculture Term Loan</b>	
2.	Water Resources	276.80
3.	Land Development	90.59
4.	Farm Mechanisation	228.15
5.	Plantation & Horticulture	150.39
6.	Forestry & Waste Land Development	52.52
7.	AH-Dairy Development	215.53
8.	AH- Poultry Development	28.49
9.	AH-Sheep/Goat/Piggery Development	5.40
10.	Fisheries Development	12.78
11.	Storage Dogown/ Market Yards	66.15
12.	Renewable Sources of Energy & Waste Utilisation	23.12
13.	Others (Agriculture)	27.18
	<b>Total Terms Loan for Agriculture (2 to 3)</b>	<b>1176.91</b>
	<b>Total Agriculture Credit (Crop Loan and Term Loan)</b>	<b>1773.91</b>
14.	MSME Investment Non Farm Sector (Total) Investment Credit + Working Capital (A+B)	4814.00
15.	Food and Agro Processing	348.56
16.	Other Priority Sectors	5484.15
17.	Self Help Group	250.00
18.	Joint Liability Group	50.00
	<b>Grand Total (Total Priority Sector i.e. Total Agriculture + Non Farm Sector + Agro &amp; Food Processing + Other Priority Sectors)</b>	<b>12720.62</b>

(Source : NABARD- Ahmedabad.)