

Brief Industrial Profile of Dhalai District



सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES

Carried out by

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Brief Industrial Profile of Dhalai District

1. General Characteristics of the District:

Dhalai is an administrative district in the state of Tripura in India. The district headquarter is located at Ambassa. Dhalai district was created in between two hill ranges of Longthrai and Atharamura in the year of 1995 by bifurcating of North Tripura district and including part of Amarpur Sub Division under South District. The district consists of four sub divisions and five blocks of which 70% area is covered by forest area and 59% of total population is belonging to ST communities. Thus, it is a tribal dominated district and rich in bio-diversity.

1.1 Location & Geographical Area.

The district is situated approximately between 91 degrees and 51 minutes and between 23 degrees 56 minutes north. The district covers an area of 2523 km². Geography of Dhalai Disreict comprises mostly hilly and Forest covered areas. Topographical features of Dhalai District include huge natural recourses, favorable climate as well as adequate and well spread rain fall, huge human recourses. It also comprises vast water areas including four major rivers. Maximum temperature recorded indistrict varies from 36 degree Celsius to 28 degree Celsius and minimum ranges from 17 degree Celsius to 6 degree Celsius. Average rain fall of the district is 220 cm. Major river of Dhalai District are Gomti River, Khowai, Dhalai and Manu. Geography of Dhalai District is also Characterized by major hills namely Atharamura, Longtharai, Kalajhahari and part of Sakhan.

1.2 Topography:

In 2006 the Ministry of Panchayati Raj named Dhalai one of the country's 250 most backward districts (out of a total of 640). It is the only district in Tripura currently receiving funds from the Backward Regions Grant Fund Programme (BRGF).

Dhalai shares the Lok Sabha constituency of Tripura East (shared with North Tripura and South Tripura districts.

According to the 2011 census Dhalai district has a population of 377,988 roughly equal to the nation of Maldives. This gives it a ranking of 564th in India (out of a total of 640). The district has a population density of 157 inhabitants per square kilometre (410 /sq mi). Its population growth rate over the decade 2001-2011 was 22.78 %. Dhalai has a sex ratio of 945 females for every 1000 males and a literacy rate of 86.82 %.

1.3 Availability of Minerals: Mineral Resource of Tripura

Mineral	Location	Uses
Clay	All over the State generally in river bank deposit Good clay deposit in West and South region. Total 1.73 million ton deposit in four zone out of six zones* [* Mohanpur-Bamutia-Kamalghat; Bisramganj-Bagma; Champamura-Baldakhal-Jogendranagar; Khowai-Teliamura-Ampi; Shantirbazar-Udaipur; Kumarghat and Baidyathakurpara- Anadanagar-Maheshkhola-Dukli-Sonamura area]	Sanitary ware Stone wares Sewerage pipes Electric insulator Refractory grade
Glass Sand	Bishramganj (160,000t) Old Agartala (16,000t) Jogendranagar (3627t) Sekerkota (80,000t) Dasharambari (5330t) Mohanpur (97,875t) Baidyathakurpara- Anadanagar Maheshkhola and Dukli (NA) Total Reserve 3,62,832 tonnes	Many uses

[Source: GSI Report 1982, 1999]

Of the total geographical area of Tripura, 76% can be marked as of "Tertiary" origin and 24% belong to Quaternary period; none of these contain any major mineral resource. A GSI Report of 1982 provide a list of Non-metallic and metallic mineral vis-a-vis their location or otherwise in Tripura (at page-6) indicating the poor profile.

Mineral Resource potential in Tripura

Sl. No.	Mineral	Status
A.	Non-metallic	
1.	Lime stone	Commodity not located or absent
2.	Dolomite	Commodity not located or absent
3.	Coal	Commodity not located or absent
4.	Clay	Commodity not located or absent
5.	Refractories	Commodity not located or absent
6.	Glass sand	Good reserve, low grade
7.	Graphite	Commodity not located or absent
8.	Fertilizer	Commodity not located or absent
9.	Gravel sand silt	Good reserve, low grade
10.	Building stone	Commodity not located or absent
В.	Metallic	
11.	Ferrous	Commodity not located or absent

12.	Non-ferrous	Commodity not located or absent
13.	Noble metals	Commodity not located or absent

[Source: GSI Report 1982]

The current production of natural gas is estimated at one million cubic meters per day. The available figure for 1990-91 to 1997-98 shows a fast increasing rate of production from 70 million tonnes per year in 1990-91 to 2.7x in 8 years reaching 196 million tones in 1997-98.

1.4 FOREST:

The state of Tripura, with a geographical area of 10491 km2 is predominantly hilly (60%) & is surrounded on three sides by a deltaic basin of Bangladesh. The state is situated between 22057' & 24032'N and 91010' & 92020'E with tropic of cancer passing through it. The State is situated in the southwestern extremity of North-East region of the country. It shares border (1001 km in perimeter) with Bangladesh, Assam and Mizoram. International border with Bangladesh is 856 km, which is almost completely open and porous.

The forests in the state are mainly tropical evergreen, semi evergreen, and moist deciduous. Sizeable area is covered with bamboo brakes which virtually form a "Sub climax" resulting from shifting cultivation from time immemorial. The details of forest resources are given below.

(a) Forest cover of Dhalai District: 1859.37 sq.km

(b) Reserved Forest area: 1091.85 sq.km

1.5 Administrative set up.

There are four sub divisions in the district. Kamalpur is the oldest sub division in the district. Gandachara was created by bifurcation of erstwhile Amarpur sub division in South district in the year of 1989 and Longtharai vally was created in the year of 1993 by bifurcation of erstwhile Kailashahar in the North Tripura district. Similarly, Ambassa was created in the year 1998 by bifurcation of erstwhile Kamalpur & Gandachara Sub divisions.

2. District at a glance:

S.	Particular	Year	Unit	Statistics
No				
1.	Ge	ographical f	eatures	-
(A)	Geographical Data			
	i) Latitude	2011		91 degrees and
				51 minutes and
				between 23
				degrees 56
				minutes north.
	ii) Longitude	2011		91 ⁰ 9' and
				91 ⁰ 47' East
	iii) Geographical Area	2011	Sq.Kms.	2523 sq.kms
(B)	Administrative Units			
	i) Sub divisions	2011	no	04
	ii) Tehsils	2011	no	18
	iii) Sub-Tehsil	2011	No	-
	iv) Patwar Circle	2011	No	

	v) Panchayat Simitis	2011	No	
	vi)Nagar Panchayat	2011	No	01
	vii) Nagar Palika	2011	No	
	viii) Gram Panchayats	2011	No	34
	xi) Revenue villages	2011	No	1078
	x) Assembly Area	2011	No	1
2.		Population	on	
(A)	Sex-wise			
	i) Male	2011	No	1,94,342
	ii) Female	2011	No	1,83,646
(B)	Rural Population	2011	No	3,37,513
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Sq.kms.	2312
	ii) Forest cover	2010-11	دد	1859.37
	iii) Non Agriculture Land	2010-11	دد	1091.85
	v) Cultivable Barren Land	2010-11	Hectares	
4.	Forest			
	(i) Forest	2010-11	Sq.kms	1859.37
5.	Livestock & Poultry			
A.	Cattle			
	i) Cows	2007	Nos.	4741
	ii) Buffaloes	2007	Nos.	4441
B.	Other livestock			

i) Goats	2007	Nos.	49,737
ii) Pigs	2007	Nos.	9838
iii) Dogs & Bitches	2007	Nos.	112871
iv) Railways			
i) Length of rail line	2010-11	Kms	12
V) Roads			
(a) National Highway	2010-11	Kms	32
(b) State Highway	2010-11	Kms	114
(c) Main District Highway	2010-11	Kms	
(d) Other district & Rural	2010-11	Kms	
Roads			
(e) Rural road/ Agriculture	2010-11	Kms	1395 Kms
Marketing Board Roads			
(f) Kachacha Road	2010-11	Kms	
(VI) Communication			
(a) Telephone connection	2010-11		57,897
(in Tripura)			
(b) Post offices (in Tripura)	2010-11	Nos.	716
(c)Telephonecenter/exchang	2010-11	Nos.	84
es (in Tripura)			
(d)Density of Telephone	2010-11	Nos./1000	34.519
		person	
(e) Density of Telephone	2010-11	No. per KM.	10
(f) PCO Rural	2010-11	No.	Data Not
			available

(g) PCO STD (in Tripura)	2010-11	No.	4,705
(h) Mobile	2010-11	No.	3,25,270
(BSNL mobile in Tripura)			
(VII) Public Health	2010-11		
(a) Allopathic Hospital		No.	34
(b) Beds in Allopathic		No.	270
hospitals			
(c) Ayurvedic Hospital		No.	11
(d) Beds in Ayurvedic		No.	
hospitals			
(e) Unani hospitals		No.	
(f) Community health		No.	4
centers			
(g) Primary health centers		No.	12
(h) Dispensaries		No.	288
(i) Sub Health Centers		No.	68
(j) Private hospitals		No.	11
(VIII) Banking commercial			
(a) Commercial Bank		Nos.	24
(b) Rural Bank Products		Nos.	Banking
(c) Co-Operative Bank products		Nos.	Banking
(d) PLDB Branches		Nos.	
(IX) Education			
(a) Primary school		Nos.	480
(b) Middle schools		Nos.	245

(c) Secondary & senior	Nos.	44
secondary schools		
(d) Colleges	Nos.	1
(e) Technical University	Nos.	

2.1 Existing Status of Industrial Areas in the Dhalai District:

Sr.	Name of Industrial Area	Location	Area
No.			(in Acres)
1.	Integrated Infrastructure	Lalchari, Ambassa.	52.14
	Development Centre (IIDC),		
	under Implementation.		

	Name of Ind.	Prevailing	No of	No of	No of	No. of
S.	Area	Rate Per	Plots	allotted	Vacant	Units in
No.		(In Rs.)		Plots	Plots	Productio
						n
1	Nil	Nil	Nil			

3. INDUSTRIAL SCENERIO OF TRIPURA WEST.

3.1 Industry at a Glance (As on 31.03.2012)

Sr.	Head	Unit	Particulars
No.			
1.	Registered Industrial Unit	10	08 Nos. MSME

			Part-II/ 02 Nos.
			Permanent SSI
			Registered Unit
2.	Total Industrial Unit	10	
3.	Registered Medium & Large	Nil	
	units		
4.	Estimated Average No. of daily	49	
	worker Employed in Small		
	Scale Industries		
5.	Employment in Large &	Nil	
	Medium Industries		
6.	No. of Industrial Area	01 under	
		Implementation.	
7.	Turnover of Small Scale Ind.	8.65 Crore	
8.	Turnover of Medium & Large	Nil	
	Scale Industries		

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
Up to	1984-85 1985-86	Data not available with	Data not available with	Data not available with
	1986-87 1987-88	Director of Industries & Commerce,	Director of Industries & Commerce,	Director of Industries & Commerce,
	1988-89 1989-90 1990-91	Tripura.	Tripura.	Tripura.
	1990-91 1991-92 1992-93			
	1992-93 1993-94 1994-95			
	1995-96 1996-97			
	1990-97 1997-98 1998-99			
	1999-2000			

	2000-01			
	2001-2002			
	2002-03			
	2003-04			
	2004-05			
	2005-06			
31.03.2007	2006-07		-do-	-do-
	As on			
	31.03.2007			
31.03.2008	2007-08		-do-	-do-
31.03.2009	2008-09		-do-	-do-
31.03.2010	2009-10	02	-do-	-do-
31.03.2011	2010-11	03	-do-	-do-
31.03.2012	2011-12	03	-do-	-do-
	Total	08		

Source: DIC DHALAI

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

NIC	TYPE OF	NUMBER	INVESTMENT	EMPLOYMENT
CODE	INDUSTRY	OF UNITS	(Lakh Rs.)	
NO.				
20	Agro based	01	10.00	10
22	Soda water			
23	Cotton textile			
24.	Woolen, silk & artificial			
	Thread based clothes.			
25.	Jute & jute based			
26.	Ready-made garments &			
	embroidery			
27.	Wood/wooden based	01	15.00	04
	furniture			
28.	Paper & Paper products	01	14.97	03

29.	Leather based			
31.	Chemical/Chemical based			
30.	Rubber, Plastic & petro based			
32.	Mineral based			
33.	Metal based (Steel Fab.)			
35.	Engineering units			
36.	Electrical machinery and	01	3.00	03
	transport equipment			
97.	Repairing & servicing			
01.	Others	04	33.27	29
	Kachori Making			

Source: DIC DHALAI

3.4 Large Scale Industries / Public Sector undertakings

Diosgene producing unit

A Diosgene producing unit set up by Tripura Forest Development and Plantation Corporation (TFDPC) is functioning in the state. The existing production capacity of 1 MT/year is projected to increase to 5 MT/year. The extraction from *Dioscorea* tubers and concentration process of Diosgene production involve two hazardous chemicals, namely the Hexane (C_6H_{14}) and Sulphuric acid (H_2SO_4). Hexane is stored within the unit (storage capacity is 12 kiloliter), whereas, sulphuric acid is not stored but is procurred as per need. At the present production capacity, the consumption rate of sulphuric acid is 9 MT/year; it is expected to increase to 45 MT/year with the projected capacity.

Latex processing unit

A large Latex processing unit has been set up by TFDPC at Takmachar. This unit tap and process the rubber to produce latex concentrate and other by products. The hazardous chemicals, which are used here for production of concentrate latex and different by products are: Sulphuric acid (H₂SO₄) and Ammonia (NH₃). The rate of consumption of above mentioned chemicals are 250 MT/year and 45 MT/year respectively.

LPG bottling unit

The solitary LPG bottling plant in the state has been set up by the Indian Oil Corporation at Bisalgarh of West district. The average inventory of LPG in this plant is 80 MT to 90 MT. While the average production capacity of the bottling plant is 5,000 MT/year.

In view of the current storage capacity being limited to 80 to 90 MT, the facility does not fall under the purview of Manufacture, Storage & Import of Hazardous Chemical Rules, (as per the schedule of 1998 & 2000, for an isolated storage, the minimum capacity should be 100 MT and above). However, concidering the future prospect, it will be advisable to ensure compliance of the extant rules.

Bottling plants of alcoholic beverages

At present there are two alcoholic beverage bottling plant situated (Gemini distillery at Bodhjanagar and Varuni distillery at Kumarghat Industrial Estate) in Tripura. The hazardous chemical used in these plants is Ethyl alcohol (C₂H₅OH) itself. The storage capacity of the above mentioned distilleries are 1800 liters and 1260 kiloliters respectively.

Gas distribution pipelines

The gas distribution pipelines in Tripura are installed by the Gas Authority of India Limited (GAIL). The natural gas collected at different gas gathering stations is distributed to different thermal power plants in Tripura through these pipelines. Keeping in mind the total storage capacity of different gas gathering stations (17,00,00 m³/day), these distribution pipelines also need to be attended as they convey the natural gas, which has the potential to cause hazard. Further, GAIL is also laying pipelines for city gas supply to domestic consumers. No EIA has been carried out for the said project.

3.5 Major Exportable Item:

Export Items	2003-04	2004-05	2006-07	2007-08	2010-11
Dry fish, raw hides & skin, Coir	1.37 Crores	1.46 Crores	0.81 Crores	1.60 Crores	1.69 Crores

mattress,			
fresh			
ginger			

3.6 Growth Trend: Erratic

3.7 Vendorisation / Ancillarisation of the Industry:--Nil

3.8. Medium Scale Enterprises – 1 Nos.

There is a Pineapple juice concentration plant of North Eastern Regional Agriculture Marketing Corporation Ltd. (Neramac) situated at Nalkata. This is the only major industrial setup in the district. Apart from this, there are a lot of Handicraft industries in the unorganised sector. One of the major product of these industries are Incense sticks

3.8.1 List of the units in Dhalai & Near By Area

- Bowry Plywood (North Tripura)
- Neramac Fruit Juice Concentrate Plant (North Tripura)
- Tea Factories (West Tripura)
- Jute Mills (West Tripura)
- Latex processing unit at Takmacher.

3.8.2 Major Exportable Item - Nil

3.9 Service Enterprises: 03

3.9.1 Potentials areas for service industry:

- Auto Battery Servicing
- Automobile servicing center
- Clinical laboratory
- Compact disk circulating library

- Dyeing and printing
- Fast Food Center / Restaurants
- Internet Café
- Pest Control Service
- Printing Press
- Watches and Clocks Repairing, Sales and Services
- Cycle and Cycle Rickshaw Repairing
- Repairing of Household Electrical Appliances
- Repairing of Household Electronics Appliances
- Web Designing
- Photo Copying

3.10 Potential for new MSMEs

- Paper Plates
- Injection Moulded Plastic Products
- PVC Pipes
- Disposable Syringes
- PVC Wires and Cables
- Plastic Folders and Files
- Detergent Cake and Powder
- Bakery Product
- Fruits and Vegetables Processing
- Noodles
- Potato and Banana Wafers
- Wooden Furniture
- Agricultural Implements

- Sheet Metal Components
- Rolling Shutters
- Solar Water Heaters
- Sheet Metal Fabrication
- Steel Fabrication
- Steel Furniture
- Tyre Retreading
- General Machine shop
- Cattle Feed
- Auto Rubber Product
- 4. Existing Clusters of Micro & Small Enterprise: Nil
- **4.1 DETAIL OF MAJOR CLUSTERS:**
- **4.1.1 Manufacturing Sector:** Yet to be identified
- **4.1.2 Service Sector:** Yet to be identified
- **4.2 Details for Identified cluster:** Yet to be identified
- 5. General issues raised by industry association during the course Of meeting:
- 1. Facilities provided for Micro and Small Enterprises under Public Procurement Policy (CGSPP) may be made mandatory.
- 2. The freight charges may be increase for participants of NE Region to participate in Domestic Trade fair/ exhibition.

3.	Under DONER Schemes the Autonomous bodies of MSME DO Ministry of MSME GOI. are imparting long term training to the prospective Entrepreneurs of NE region free of cost. However the to and fro fare is to be born by the participants. Which may be reimbursed to facilitate the poor tribal's of this region.

'8. STEPS TO SET UP MSMEs:

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

S.	Type of assistance	Name and address of agencies
No		
1.	Provisional Registration	District Industries Center,
	Certificate	Jawahar Nagar, Dhalai.
	(EM-1) & Permanent	
	Registration Certificate (EM-II)	
2.	Identification of Project Profiles,	MSME-Development Institute,
	techno-economic and managerial	Advisor Chowmuhani,
	consultancy services, market	Krishnanagar
	survey and economic survey	Road, Agartala. 799001
	reports.	
3.	Land and Industrial shed	TIDC Ltd, Indutries Building,
		(1 st Floor)
		Khejur Bagan
		P.O. Kunjaban. Agartala-
		799006 Tripura (West)
4.	Financial Assistance	All Financial Institutions and
		Banks.
5.	For raw materials under Govt.	NSIC Ltd.,
	Supply	Indranagar, EDIT Campus,
		Opposite ITI,
		Agartala – 799006.
6.	Plant and machinery under hire /	-do -
	purchase basis.	

7.	Power/ Electricity	TSESC, Dhalai.
8.	Technical Know –how.	1)MSME-Development Institute Advisor Chowmuhani, Krishnanagar Road, Agartala.799001 2) NRDC of India New Delhi.
9.	Quality & Standard	BIS, Guwahati
10.	Marketing /Export Assistance	1. MSME-Development Institute Advisor Chowmuhani, Krishnanagar Road, Agartala.799001 2. NSIC Ltd., Indranagar, EDIT Campus, Opposite ITI, Agartala – 799006 3. DRDA, Dhalai. 4.KVIC, Agartala. 5.Director Handloom, Handicrafts and Sericulture P.N. Complex, Gurkhabasti, Agartala – 799 006
11.	Other Promotional Agencies	a. DIC, Dhalai. b. KVIB, Tripura West.

'9.Additional information if any:

- a. There is acute shortage of prospective Entrepreneurs in Dhalai.
- b. In 2006 the Ministry of Panchayati Raj named Dhalai one of the country's 250 most backward districts (out of a total of 640). It is the only district in Tripura currently receiving funds from the Backward Regions Grant Fund Programme (BRGF).

The district lacks infrastructural and other facilities. Though there is little number of industrial units in diverse field of manufacturing. The main problems being faced by the existing industries in the district as well as in the State are as follows:

- Transportation
- Finance
- Raw materials
- Marketing