



Government of India
Ministry of MSME

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 District 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; Bishramganj-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
B.	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 22o57' & 24o32'N and 91o10' & 92o20'E with tropic of cancer passing through it. The State is situated in the south-western 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. No	Particular	Year	Unit	Statistics
1.	Geographical features			
(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			
(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	“	1859.37
	iii) Non Agriculture Land	2010-11	“	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 Roads	2010-11	Kms	1395 Kms
	(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	
	(f) Kachacha Road	2010-11	Kms	
	(VI) Communication			
	(a) Telephone connection (in Tripura)	2010-11		57,897
	(b) Post offices (in Tripura)	2010-11	Nos.	716
	(c) Telephone center/exchanges (in Tripura)	2010-11	Nos.	84
	(d) Density of Telephone	2010-11	Nos./1000 person	34.519
	(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 (BSNL mobile in Tripura)	2010-11	No.	3,25,270
(VII) Public Health	2010-11		
(a) Allopathic Hospital		No.	34
(b) Beds in Allopathic hospitals		No.	270
(c) Ayurvedic Hospital		No.	11
(d) Beds in Ayurvedic hospitals		No.	--
(e) Unani hospitals		No.	--
(f) Community health centers		No.	4
(g) Primary health centers		No.	12
(h) Dispensaries			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 secondary schools		Nos.	44
	(d) Colleges		Nos.	1
	(e) Technical University		Nos.	--

2.1 Existing Status of Industrial Areas in the Dhalai District:

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

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

3. INDUSTRIAL SCENERIO OF TRIPURA WEST.

3.1 Industry at a Glance (As on 31.03.2012)

Sr. No.	Head	Unit	Particulars
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 units	Nil	--
4.	Estimated Average No. of daily worker Employed in Small Scale Industries	1065	--
5.	Employment in Large & Medium Industries	Nil	---
6.	No. of Industrial Area	01 under Implementation.	--
7.	Turnover of Small Scale Ind.	8.65 Crore	--
8.	Turnover of Medium & Large Scale Industries	Nil	--

3.2 YEAR WISE TREND OF UNITS REGISTERED

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

	1999-2000			
	2000-01			
	2001-2002			
	2002-03			
	2003-04			
	2004-05			
	2005-06			
31.03.2007	2006-07 As on 31.03.2007		-do-	-do-
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 CODE NO.	TYPE OF INDUSTRY	NUMBER OF UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMENT
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 furniture	01	15.00	04

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 transport equipment	01	3.00	03
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 (C₆H₁₄) and Sulphuric acid (H₂SO₄). Hexane is stored within the unit (storage capacity is 12 kiloliter), whereas, sulphuric acid is not stored but is procured 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, considering 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,	1.37 Crores	1.46 Crores	0.81 Crores	1.60 Crores	1.69 Crores

Coir 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.

6. Prospects of Training programmes during 2012-13

S.No.	Name of the programme	Subject	No of proposed programme to be conducted
1	ESDP	Garments Manufacturing/ Rexene Bag and Fancy items, Fancy cloth Bag Making, Value added Jute product, Hosiery and woolen Garments, Computer Hardware and maintenance, Soft Toys etc.	41 Nos.
2	MDP	Marketing, Financial management, Taxation,etc.	8 Nos.
3	BSDP	---	--
4	EDP	General	6 Nos.
5	IMC	General	41 os.

7. Action plan for MSME Schemes during 2012-13:

S. No.	Name of the Scheme	Proposed activity on the scheme
1.	MSE-CDP	Publicity of MSE-CDP Scheme.
2.	ISO – 9000 / 14000/ HACCP reimbursement	Publicity of ISO 9000 reimbursement scheme.
3.	MSE-MDA	Publicity of scheme
4.	CLCSS	Publicity of scheme
5.	Capacity Building & strengthening of data base	Publicity of scheme
6.	International cooperation	Publicity of scheme
7.	TREAD for women	Publicity of scheme
8.	VDP	State level VDP will be conducted.
9.	National awards	More and More MSEs will be motivated to participate in National Award.
10.	NMCP schemes	
	I. Lean Manufacturing	Publicity of scheme
	II Design Clinic	Publicity of scheme
	III Market assistance & Tech. up gradation	Publicity of scheme
	IV QMS/QTT	Publicity of scheme
	V Tech. & quality up gradation support	Publicity of scheme
	VI ICT	Publicity of scheme
	VII Bar Code	Publicity of scheme
	VIII IPR	One Day Sensitization Programme will be organized.
	IX Incubator scheme	Publicity of Scheme

8. STEPS TO SET UP MSMEs:

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

S. No	Type of assistance	Name and address of agencies
1.	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)	District Industries Center, Jawahar Nagar, Dhalai.
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	MSME-Development Institute, Advisor Chowmuhani, Krishnanagar Road, Agartala. 799001
3.	Land and Industrial shed	TIDC Ltd, Industries 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. Supply	NSIC Ltd., Indranagar, EDIT Campus, Opposite ITI, Agartala – 799006.
6.	Plant and machinery under hire / purchase basis.	-do -

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