



सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of RANCHI District



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

Carried out by

MSME-Development Institute, Ranchi

(Ministry of MSME, Govt. of India,)

Phone: 0651-2460235/2460257/2460168

Fax: 0651-2460235

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

Web-www.msmeranchi.nic.in

Contents

S. No.	Topic	Page No.
1.	General Characteristics of the District	01-06
1.1	Location & Geographical Area	01
1.2	Topography	01-02
1.3	Availability of Minerals.	02-03
1.4	Forest	03
1.5	Administrative set up	02-03
2.	District at a glance	04-06
2.1	Existing Status of Industrial Area in the District of Ranchi	06
3.	Industrial Scenario of Ranchi District	07-14
3.1	Industry at a Glance	07
3.2	Year Wise Trend Of Units Registered	07
3.3	Details Of Existing Micro & Small Enterprises & Artisan Units In The District	08
3.4	Large Scale Industries / Public Sector undertakings	08-09
3.5	Major Exportable Item	09
3.6	Growth Trend	09-10
3.7	Vendorisation / Ancillarisation of the Industry	10
3.8	Medium Scale Enterprises	10-11
3.8.1	List of the units in Ranchi District & nearby Area	10-11
3.8.2	Major Exportable Item	11
3.9	Service Enterprises	12
3.9.1	Coaching Industry	12-13
3.9.2	Potentials areas for service industry	13
3.10	Potential for new MSMEs	13-14
4.	Existing Clusters of Micro & Small Enterprise	14
4.1	Detail Of Major Clusters	14
4.1.1	Manufacturing Sector	14
4.1.2	Service Sector	14
4.2	Details of Identified cluster	14-16
4.2.1	Sonahatu- Bundu Bamboo Crafts Cluster	14-15
4.2.2	Ranchi- Ramgarh Refractories Cluster	15
4.2.3	Ranchi Fabrication & Engineering Industry Cluster	16
5.	General issues raised by industry association during the course of meeting	16
6	Steps to set up MSMEs	17-19
7.	Additional information if any	19

Brief Industrial Profile of RANCHI District

1. General Characteristics of the District:

1.1: Location & Geographical Area:

Ranchi is the capital of Jharkhand State. This state came into existence on 15th November 2000 as a 28th State of Union of India after being bifurcated from Bihar State. It is geographically situated in north eastern part of peninsular plateau of India (also known as Chhotanagpur Plateau). Ranchi is one among the 24 districts of Jharkhand. Geographical area of Ranchi District is 7,593 sq. km. The climate is generally dry with average rainfall 1500 mm. The temperature varies between 18⁰ to 29⁰. However due to global warming, the temperature goes high up to 40⁰ -44⁰. The fertile land comprises of red and yellow soil with some amount of sand. But most of the terrains are rocky covered with pebbles. This acts as check on fertility of soil.

Ranchi district is surrounded by Purulia district (West Bengal) in east, by Lohardaga, Gumla, and Palamau in west, by Hazaribagh in north and by Singhbhum and Khunti districts in south. The rivers like Swarnrekha, Koyal, and Damodar flow through the district and water is used for irrigation purpose.

1.2 Topography:

Ranchi is located between latitude 22° 30' North - 23°36' and longitude 84°54 East – 85°54'. The tropic of CANCER at 23 1/2° North passes through Ranchi District (at Ormanjhi). The average altitude of Ranchi is 600 meters above the sea level with undulating land features.

The physiographic characteristics of the district are rich. It has waterfalls, hills, and land with avalanches. Ranchi is surrounded by green forest.

1.3 Availability of Minerals:

Ranchi district is endowed with mineral resources of Coal, Lime stone, Fireclay, China clay, Granite, stone and sand. Their production during the year 2010-11 is given below:

S. No.	NAME OF MINERALS	PRODUCTION IN TONES 2010-11
MAJOR MINERALS :		
i). Coal		68.00MT
ii). Limestone		00.98MT
iii). Fire Clay		--
iv). China Clay		00.022 MT

S. No.	NAME OF MINERALS	PRODUCTION IN TONES 2010-11
MINOR MINERALS :		
i)	Granite Stone	16 lakh C.ft.
ii)	Bricks	16.61 C.ft.
iii)	Sand	6.68 C.ft.

Source: Deptt. Of Mines & Geology, Govt. of Jharkhand

1.4 FOREST:

Ranchi district is well endowed with forest in an area of 3, 25,603 Acres, which is 17.38% out of total area. This figure is well below the national average of 22%.The forest provides basic raw material to a number of important industries namely furniture, match box, paper, rayon construction, railway slippers, wooden poles, etc. Forest produce has been classified into two categories:

1. Important large Products,
2. Minor/Allied Products.

The large important products comprise of wood from timber, such as SAAL, BAMBOO, KUSUM, GAMHAR, MAHUA, JAMUN, SHISHAM, IMLI, AAM etc.

Minor/Allied Products are like HARA, BEHARA, KENDU PATTA, SAAL SEED, KARANJ SEED, and MAHUA PATTA etc. These products have medicinal and commercial values in the market.

1.5 Administrative set up:

Ranchi is the administrative headquarter of Ranchi district as well as capital of the State of Jharkhand. Ranchi district is comprised of two divisions namely- Ranchi Sadar and Bundu. Ranchi sub-division has 14 blocks whereas Bundu sub-division is comprised of 04 blocks. Block-wise description is given below:

S. N.	Name of the Blocks	Members of Zilla Parishad	Members of Panchayat Samities	Mukhia	Members of electoral area of Gram Panchayat	No. of Voting Booths
1	Ormanjhi	2	18	18	155	155
2	Kanke	4	36	36	350	350
3	Ratu	1	14	14	122	122
Total (A) =		7	68	68	627	627
4	Nagari	1	13	13	132	132
5	Itaki	1	9	9	84	84
6	Bero	2	17	17	174	174
7	Lapung	1	11	11	107	107
Total (B) =		5	50	50	497	497
8	Khalari	1	14	14	142	142
9	Mandar	2	19	19	196	196
10	Chanho	2	17	17	168	168
11	Budmu	1	14	14	147	147
Total (C) =		6	64	64	653	653
12	Silli	2	20	20	202	202
13	Angara	2	21	21	186	186
14	Namkum	2	23	23	229	229
Total (D) =		6	64	64	617	617
15	Tamar	2	23	23	227	227
16	Bundu	1	11	11	108	108
17	Sonahatu	1	14	14	133	133
18	Raahhe	1	9	9	96	96
Total (E) =		5	57	57	564	564
Total A+B+C+D+E =		29	303	303	2958	2958

There are 1,328 no. of revenue villages in Ranchi district.

2. District at a glance

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data			
	i) Latitude			22 ⁰ 30' North-23 ⁰ 36';
	ii) Longitude			84 ⁰ 54' East- 85 ⁰ 54'
	iii) Geographical Area		Hectares	759136.44
(B)	Administrative Units			
	i) Sub divisions			02
	ii) Tehsils			18
	iii) Sub-Tehsil			-
	iv) Patwar Circle			-
	v) PanchayatSimitis			254
	vi)Nagar nigam			01
	vii) Nagar Palika			-
	viii) Gram Panchayats			19
	xi) Revenue villages			1328
	x) Assembly Area			07
2.	Population			
(A)	Sex-wise			
	i) Male	2011		1493376
	ii) Female	2011		1418646
(B)	Rural Population	2011		1654682
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	610309.13
	ii) Forest cover	2010-11	"	135105.02
	iii) Non Agriculture Land	2010-11	"	87282.57
	v) cultivable Barren land	2010-11	"	14358.51
4.	Forest			
	(i) Forest	2010-11	Ha.	135105.02
5. Livestock & Poultry:				
A.	Cattle:			
	i) Cows	2007	Nos.	6,77,057
	ii) Buffaloes	2007	Nos.	1,88,743
B.	Other livestock:			

	i) Goats	2007	Nos.	5,80,748
	ii) Pigs	2007	Nos.	80,360
	iii) Dogs & Bitches	2007	Nos.	2,97,000
	iv) Railways:			
	i) Length of rail line	2010-11	Kms	167
	V) Roads:			
	(a) National Highway	2010-11	Kms	120
	(b) State Highway	2010-11	Kms	260
	(c) Main District Highway	2010-11	Kms	124
	(d) Other district & Rural Roads	2010-11	Kms	733
	(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	1580
	(f) Kachacha Road	2010-11	Kms	1677.47
	(VI) Communication:			
	(a) Telephone connection	2010-11		40,471
	(b) Post offices	2010-11	Nos.	717
	(c) Telephone center	2010-11	Nos.	05
	(d) Density of Telephone	2010-11	Nos./1000 person	0.9%
	(e) Density of Telephone	2010-11	No. per KM.	-
	(f) PCO Rural	2010-11	No.	2027
	(g) PCO STD	2010-11	No.	2,475
	(h) Mobile	2010-11	No.	87,360
	(VII) Public Health:			

	(a) Allopathic Hospital	2010-11	No.	04
	(b) Beds in Allopathic hospitals		No.	560
	(c) Ayurvedic Hospital		No.	15
	(d) Beds in Ayurvedic hospitals		No.	03
	(e) Unani hospitals		No.	47
	(f) Community health centers		No.	03
	(g) Primary health centers		No.	-
	(h) Dispensaries		No.	50
	(i) Sub Health Centers		No.	08
	(j) Private hospitals		No.	502
				23
	(VIII) Banking Commercial:			
	(a) Commercial Bank		Nos.	203
	(b) Rural Bank		Nos.	40
	(c) Co-Operative Bank		Nos.	03
	(d) PLDB Branches		Nos.	02
	(IX) Education:			
	(a) Primary schools		Nos.	1391
	(b) Middle schools		Nos.	469
	(c) Secondary & senior secondary schools		Nos.	142
	(d) Colleges		Nos.	64
	(e) Technical University		Nos.	02

2.1 Existing Status of Industrial Areas in the District RANCHI

S. No .	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No of Plots	No of allotted Plots	No of Vacant Plots	No. of Units in Production
1	Tupudana	92.23	92.23	815.45	301	293	08	273
2	Kokar	21.13	21.13	1911.80 (for mfg. unit), 2389.76 (for service units)	229	229	nil	165
3	Getalsud	40.79	40.79	64.60 (for mfg. unit), 80.73 (for service units)	Plots development under progress			

1	2	3	4	5	6	7	8	9
4	Namkum	10.12	10.12	1617.95 (for mfg. unit), 2020.43 (for service units)	88	78	10	55
5	Tatisilwai Phase-I	24.28	24.28	775.34 (for mfg. unit), 969.17 (for service units)	98	86	12	56
7	Tatisilwai Phase-II	16.19	16.19	624.34 (for mfg. unit), 779.17 (for service units)	79	73	06	50
	Total				795	759	36	599

Source:- website of RIADA, Ranchi,

3. INDUSTRIAL SCENERIO OF RANCHI:

3.1 :Industry at a Glance:

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	3,307
2.	TOTAL INDUSTRIAL UNIT	NO.	4,066
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	33
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	8.08
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	7,943
6.	NO. OF INDUSTRIAL AREA	NO.	07
7.	TURNOVER OF SMALL SCALE IND.	IN LACS	Rs. 7,67,736.00 Lacs
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	Rs. --

3.2 YEAR WISE TREND OF UNITS REGISTERED:*

Upto	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
	2000-01	410	1075	618.75
	2001-02	408	1142	534.74
	2002-03	334	1032	720.00

	2003-04	228	932	474.42
	2004-05	221	344	32.17
	2005-06	208	682	509.36
	2006-07	222	940	784.80
	2007-08	273	2176	3335.82
	2008-09	308	1078	2026.87
	2009-10	641	4883	7668.16
	2010-11	54	961	6635.56
	Total	3,307	15,245	23,340.65

Source: DIC, Ranchi.

- Note: Jharkhand came into existence as a 28th State on India on dt. 15th November 2000.

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

NIC COD E NO.	TYPE OF INDUSTRY	NUMBER OF UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMEN T
20	Agro based	383	2006.92	1590
22	Soda water	--	--	--
23	Cotton textile	503	2635.72	2087
24.	Woolen, silk & artificial Thread based clothes.	43	225.32	178
25.	Jute & jute based	149	180.76	618
26.	Ready-made garments & embroidery	67	351.08	278
27.	Wood/wooden based furniture	1054	5522.96	4374
28.	Paper & Paper products	23	120.52	95
29.	Leather based	355	1860.20	1473
31.	Chemical/Chemical based	341	1786.84	1415
30.	Rubber, Plastic & petro based	55	2017.74	228
32.	Mineral based	249	1304.76	1033
33.	Metal based (Steel Fab.)	22	115.28	91
35.	Engineering units	3385	1773.74	140548
36.	Electrical machinery and transport equipment	972	5093.28	4044
97.	Repairing & servicing	1135	5952.64	4710
01.	Others	1763	9238.12	7316

Source: DIC, Ranchi.

3.4 Large Scale Industries / Public Sector undertakings:

List of the units in Ranchi District & nearby Area:

(CPSUs)

M/s

1. Heavy Engineering Corporation, Dhurwa Ranchi
2. Marine Diesel Engine Project, Garden Reach Ship Builders Ltd, Dhurwa Ranchi
3. Central Coalfields Limited, Ranchi,
4. Metallurgical Consultant Limited, Doranda, Ranchi.
5. Steel Authority of India Limited, Hinoo, Ranchi.
6. Central Mining & Planning Design Limited, Kanke Road, Ranchi.
7. Ranchi Ashok Bihar Hotel Corporation Ltd, Doranda, Ranchi.
8. Bharat Sanchar Nigam Limited, Ranchi.

(SPSUs)

9. Sikidiri Hydro Power Plant (Jharkhand State Electricity Board), Ranchi.
10. Ranchi Industrial Area Development Authority, Ranchi
11. Jharkhand State Tourism Development Corporation, Ranchi.
12. Jharkhand State Tribal Development Corporation, Ranchi.
13. Jharkhand State Scheduled Tribe Development Cooperative Society, Ranchi.
14. Jharkhand State Scheduled Tribe Development Cooperative Society, Ranchi
15. Jharkhand Govt. Tool Room & Training Center, Tatisilwai Ranchi.

(OTHERS):

16. Indal, Muri, Ranchi

3.5 Major Exportable Item:

- i. Heavy Machineries and Equipment, lac, Minerals, ceramics, IT services.
- ii. Consultancy Services.

3.6 Growth Trend:

The State of Jharkhand is having immense potential for industrialization with its large deposits amounting to 40% total minerals of the country. The State is the sole producer of coking coal, uranium and pyrite. It ranks first in the production of coal, mica, kyanite and copper in India. Besides minerals, it has about $\frac{1}{3}$ of forest

cover as oxygen bank and raw material for several economic activities which provide lively hood in rural area as minor forest produce, aromatic, medicinal and dry fruit and Tasar's. It has wide network of rivers, power plant and industrial bases with about $\frac{1}{3}$ as urban population. It has several central and state government institutes e.g IIM, XLRI, CCL, Birsa Agriculture University, CMPDI, Mecon, NIFFT, NIT, BIT Mesra etc.

With its large deposits of minerals, Jharkhand is one of the front-runners in attracting large number investors. Almost Rs. 56,000 crore investment proposal have been received during the 11th Five Year Plan for setting up of mineral based industries and other auto component makers, auto-truck manufacturing, cement, food processing, textile, education, health, etc besides public investment by NTPC/DVC/SAIL/STPI etc. Besides these proposals there are several proposals with department of energy, Labour, Science & Technology, and Tourism etc which have not been included. Several projects with investment of Rs 21,621 crore have been commissioned besides Govt.-CPSU-Power sector investments. Few projects with Rs.12000 crore and about 3.4 million ton capacity are to be expanded and commissioned in steel production etc. during 2012-13. Many new/existing will be expanded and commissioned in 12th plan. It has generated following output:

(Rs. in Crore)

Sector	No. of Unit Commissioned	Investment made	Employment generated	
			Direct	Indirect
MSME	37085	1081.17	139252	300000
Large	112	8356.06	8747	30000
Mega	32	30044.07	4000	20000

Jharkhand ranks first in production of Tassar Silk in the country. In order to maintain the leading edge and rejuvenate existing rural industries including sericulture, handloom, handicraft, Khadi, textile etc. it is envisaged to assist them in modernization/technological up gradation and provide necessary common facilities, backward and forward linkages including product design, marketing support etc. so as to make them globally competitive and remunerative. The state PSU-Jharcraft has provided impetus to the design, marketing etc. of these rural products. It has provided employment to 2.01 lakh people in the plan period with average annual additional income of Rs. 35-45 thousands.

Single Window System

The objective of Industrial Assistance Centre (Single Window System) is to provide all types of assistance to entrepreneurs and to remove problem faced by entrepreneurs in course of setting up of industries on the site under one roof so that rapid industrialization may take place. It includes matter related to assistance from GOI/GOJ, awareness about policies, organizing awareness seminar, export promotion, participation in national/internationalism events. This will be strengthened with adequate quality manpower for different sector. The strengthening may be done by contractual appointment etc. The state may bring single window act to bring better co-ordination among deptts. and for quick disposal of matter.

3.7 Vendorisation / Ancillarisation of the Industry:

Due to presence of large enterprises in Ranchi district and all three commissionerates of North Chotanagpur, South Chotanagpur and Kolhan, adequate infrastructure facilities and skilled & professional manpower, availability of management, technical & R & D Institutions, there has been tremendous scope of vendorization and ancillarization of Metallurgical, General engineering, chemical, Ceramic and machine tools, heavy and Light electrical & Electronics machineries, refractories products etc.

3.8. Medium Scale Enterprises:

3.8.1 List of the units in Ranchi & nearby Area:

M/s

1. Chhotanagpur Rope Works Private Ltd, Ranchi.
2. Pragati Chemicals, Namkum, Ranchi.
3. Bharat Mineral and Ceramic Industries, Mahilong, Ranchi.
4. Waxpol Industries Limited, Tatisilwai, Ranchi.
5. Periwal Hydrocarbon and Chemicals Private Limited, Mahilong, Ranchi.
6. Balaji Wire Industries, Mahilong, Ranchi.
7. Shivnarayan Jaiswal Private Limited, Ranchi.
8. Amaravati Industries, Mahilong, Ranchi.
9. Anil Chemicals Industries, Mahilong, Ranchi.
10. Bhavani Food Products Private Limited, Namkum, Ranchi.
11. Chotanagpur Concrete Pipe Industries, Mahilong, Ranchi.
12. Hindustan Tiles, Hullahundu, Ranchi.
13. Mangalam Lubricants, Hardag, Ranchi.
14. Pensol India Private Limited, Namkum, Ranchi.
15. Miki Wires Works, Namkum, Ranchi.
16. Raj Ceramics, Hardag, Ranchi.

17. Rajan Chemicals Industries Private Limited, Mahilong, Ranchi.
18. SVS Wires, Ranchi.
19. Tajana River Industries Private Limited, Khunti,
20. Usha martin Industries, Tatisilwai, Ranchi.
21. UshaBeltron Industries, Tatisilwai, Ranchi.

3.8.2 Major Exportable Item:

Ropeways,Polishes&lubricants, Lac, Refractories, etc.

3.9 Service Enterprises:

M/s

1. Premsons, Kanke Road, Ranchi.
2. Sushila Automobiles, Main Road, Ranchi
3. Rohit Automobiles, Main Road, Ranchi
4. Basudeb Automobiles, Main Road, Ranchi.
5. Hotel Capitol Hill, Main Road, Ranchi.
6. Hotel Element Station Road, Ranchi.
7. Hotel Horizon, Station Road, Ranchi.
8. Hotel B N R Chanakya, Station Road, Ranchi.
9. Hotel Raddition Blue Main Road, Ranchi.
10. Hotel Ginger Main Road, Hinoo, Ranchi.
11. Hotel Golden Tulip, Morabadi, Ranchi.
12. Auto bikes, Main Road, Ranchi.

3.9.3: COACHING INDUSTRIES:

1. Akash Institute, Ranchi.
2. Administrative Coaching Institute, Ranchi.
3. Aggrawal Classes, Ranchi.
4. Alpine
5. Advance Biology Classes
6. Angira classes
7. Aptech,
8. Arena Multimedia,
9. Air hostage Training Institute,
10. Air Wizard,
11. Aryabhatt Tutorials,
12. Ascent,
13. Beyond Institute of technology,
14. Ashrvad coaching Institute,
15. Bharat Coaching centre,
16. Brilliant Coaching Instotute,
17. British Image,

18. CAD Institute,
19. Courier Coaching,
20. Career Guidance,
21. Carrer Forum,
22. Career Launcher,
23. Chanakya Institute for CS/CA/ICWA,
24. Centre for Education,
25. Citywide Study Circle,
26. Concept Coaching,
27. Competitive Science,
28. Craft Institute of Technology,
29. Delhi Education centre,
30. Dr. ZakirHussain Institute,
31. FITJEE,
32. National Institute of Banking,
33. Chaitanya Coaching Institute,
34. Newton Tutorial,
35. Sure Success Coaching Centre,

3.9.2 Potentials areas for service industry:

1. Dot Com Site,
2. Computer Hardware maintenance,
3. DTP,
4. Medical Transcription
5. Computer Institutes,
6. Toner for Printers,
7. Cyber Café,
8. Assembly of Computers,
9. Software development,
10. Data Processing,
11. Computer Papers,
12. Computer Printing Ribbon,
13. AutoRich saw,
14. Tent House,
15. Dairy farm,
16. BeautyParlor,
17. Hotels and Restaurants,
18. Piggery farm,
19. Goat farming,
20. Photo Studio,
21. Pathological Laboratory,
22. Poultry farm,
23. Fast food stalls,
24. Health Club,
25. Saloon,
26. Fish hatching,
27. Videography,
28. Automobile repairing,

29. TV and Radio Repairing,
30. General Engineering,
31. Denting and Painting,
32. Watch Repairing,
33. Transformers Repairing
34. Electrical & Electronic household Appliances Repairing.

3.10 Potential for new MSMEs:

- a) **Agro-based** (horticulture, animal husbandry, dairy, fisheries and food processing)
- b) **Modern Industry** (Infrastructure, Mineral-based,Handloom, Khadi, Handicrafts, Sericulture, General Engineering, Foundry & Forging, Refractories,Ceramic tiles, Building Materials, Books & Note-books Printing,Leather & Leather products, Electrical Accessories, Electronic products, Readymade Garments, Silk & Cotton Textile Weaving, Automobile Components,, Two-Wheeler & Three Wheeler Components, Ironware &Cutlery, Trunk Manufacturing, Furniture making, Pottery, Footwear, Repairing & Servicing of Domestic/ Industrial Electrical & Electronic Appliancesetc.)
- c) **Service-based** (Tourism and Information technology, Entertainments,)

4.0 Existing Clusters of Micro & Small Enterprise:

4.1: DETAIL OF MAJOR CLUSTERS:

4.1.1: Manufacturing Sector: NIL

4.1.2:Service Sector: NIL

4.2: Details for Identified cluster

4.2.1: Name of the cluster: Bamboo Cluster

1	Principal Products Manufactured in the Cluster	Agarbatti Sticks, Baskets, Flower vase, Handicrafts, Jewellery Boxes, Winnowers etc.
2	Name of the SPV	MSME-DI , Ranchi
3	No. of functional units in the clusters	250
4	Turnover of the Clusters	Rs. 0.75 Lacs
5	Value of Exports from the	Rs. 0.05 Lacs

	Clusters	
6	Employment in Cluster	1,500
7	Average investment in plant & Machinery	Rs. 1.0 Lac
8	Major Issues / requirement	Age old traditional tools and manufacturing methods lead to less productivity.
9	Presence of capable institutions	MSME-DI Ranchi, Centre for Education ranchi and CIPART/NBM Ranchi
10	Thrust Areas	Application of latest technology, modern management practices, and aggressive marketing Strategy.
11	Problems & constraints	<ul style="list-style-type: none"> i. Practicing Traditional and obsolete technology. ii. Lack of Fund, iii. Poverty, and poor socio-economic life-style of the artisans iv. Poor Business net-working, v. Lack of Marketing Support, vi. Poor Skill.

Present status of the cluster:-Products are manufactured by conventional tools and methods. The process and technology needs to be changed and updated to compete in the local and international markets.

4.2.2: Name of the cluster:

1	Principal Products Manufactured in the Cluster	Refractory Products like Fireclay, Bricks & Shapes, Acid proof & Insulating Bricks & Shapes, Calcination & Grinding of Refractory Raw materials etc.
2	Name of the SPV	--
3	No. of functional units in the clusters	56
4	Turnover of the Clusters	Rs. 59.00 Crore
5	Value of Exports from the Clusters	
6	Employment in Cluster	2,500
7	Average investment in plant & Machinery	Rs. 1.12 Crore
8	Testing needs	Chemical & physical analysis
9	Thrust Area	Technology Up gradation, TQM, Product certification, Export oriented.
10	Access to Export Market	Have higher potential in overseas market.

Present status of the cluster:-Coal is being used as a source of energy which is mostly short-supplied in quantity. Quality coal is also short-supplied. Electrical energy may be alternate source of energy which is needed to be studied. Conventional methods of manufacturing process is ultimately increase the cost of the products which hampers the market adversely.

4.2.3: Fabrication and general engg cluster:

1	Principal Products Manufactured in the Cluster	Belt Conveyor System & Spares, Crushes, Hoppers, Refractory Dies & Moulds, Refractory Mixers & Machineries, Screw Feeders, Vibrating Screen, Weigh Bridge, Weigh Feeders.
2	Key Trade Association address	--
3	No. of functional units in the clusters	51
4	Turnover of the Clusters	Rs. 51 Lac
5	Value of Exports from the Clusters	Rs.2500 Lac
6	Employment in Cluster	3,500(approx.)
7	Average investment in plant & Machinery	Rs. 2.51 Crore
8	Testing needs	Testing & calibration lab.
9	Major Issues	Issues pertaining to technology obsolescence, adoption of standard certification and quality management.
10	Access to Export Market	Have potential in export market exclusively to mining industries.

Present status of clusters:-The units are using obsolete technology, poor Quality management techniques with no standard certification. All these factors collectively creating obstacles in expansion of market and low profitability.

5. General issues raised by industry association during the course of meeting :

- I). Adequate industrial infrastructural facilities are needed to be developed.
- II). Adequate fund flow is required so as to meet emerging new challenges and threats,
- III). Interrupted power supply is needed to be maintained,
- IV). Law and Order position in the state is essential for smooth working of industrial activities,
- V). Benefits to MSME Sector offered by Central and State Governments have to be ensured and given on priority basis.
- VI). Emphasis on R & D support to MSMEs has to be laid down.
- VII). Large industries must prescribe a defined percentage of purchasing commodities from MSME sector.

***. 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 centre, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010.
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010
3.	Land and Industrial shed	Ranchi Industrial Area Development Authority(RIADA), 5 TH Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010
4.	Financial Assistance	All commercial and Scheduled Banks
5.	For raw materials	National Small Industries Corporation(NSIC), Camp Office: Jharkhand Small Industries Association Building, kokar Industrial Area, Kokar, ranchi-834001
6.	Plant and machinery under hire / purchase basis.	National Small Industries Corporation(NSIC), Camp Office: Jharkhand Small Industries Association Building, kokar Industrial Area, Kokar, ranchi-834001
7.	Power/ Electricity	Jharkhand State Electricity Board.
8.	Technical Know – how.	MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010
9.	Quality & Standard	Bureau of Indian Standard, Burma Mines, Jamshedpur.
10.	Marketing /Export Assistance	MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010
11.	Other Promotional Agencies	i. District Rural Development Authority, Ranchi ii. DC(Handicrafts), RadheShyam

		<ul style="list-style-type: none"> iii. Street, Main Road, Ranchi. iv. KVIC, Shanti Bhavan, Albert EkkaChowk, Ranchi, v. KVIB, Radium Road, Ranchi. vi. EDII, Ranchi field Office, Harmu Housing Colony, ranchi. vii. VkasBharati, Bishunpur, Bariatu Road, Ranchi. viii. REDI, Purulia Road, ranchi. ix. JSSTDCCS, Balihari Road, ranchi. x. JSSCDCS, Kusai Colony, Doranda, Ranchi. Jharkhand Govt. Tool Room & Training centre, Tatisilwai Ranchi.
--	--	--

'9. Additional Information, if any:

9.1: Institutional Support to MSMEs:

Sl. No.	Activity	Institutions rendering services
1	Business Opportunity Guidance	<ul style="list-style-type: none"> i. Secretary (Inds.), GOJ ii. Directorate of Industries, Govt. of Jharkhand, Nepal House, Doranda, Ranchi & Its DICs & Industrial Area development Authorities(RIADA, BIADA,AIADA,DIADA) iii. MSME-DI ,Ranchi iv. Birsa Agricultural University, kanke ,Ranchi, v. Directorate of Agriculture, Kanke Road, Ranchi.
2	R & D support	<ul style="list-style-type: none"> i. MSME-DI ,Ranchi, ii. BIT, Mesra, Ranchi iii. IINRG, Namkum, Ranchi. iv. NML, Jamshedpur, v. CMFRI, Dhanbad, vi. ISM, Dhandad, vii. BIT, Sindri, Dhanbad,

3	Business Incubation	<ul style="list-style-type: none"> i. ISM, Dhanbad, ii. MRSC, Bokaro Steel City.
4	IPR	<ul style="list-style-type: none"> i. MSME-DI ,Ranchi, ii. IUSRL,Mesra, Ranchi, iii. IIM, Ranchi, iv. BIT, Mesra, Ranchi, v. Tata Motors, Jamshedpur, vi. Tata Steel, Jamshedpur, vii. CMFRI, Dhanbad, viii. ISM, Dhanbad,
5	BIS certification	<ul style="list-style-type: none"> i. Bureau of Indian Standard, Patliputra Colony, Patna(Bihar), ii. Bureau of Indian Standard,Ranchi and Jamshedpur.
6	Lean manufacturing	<ul style="list-style-type: none"> i. National Productivity Council, Patna and Cuttack
7	Marketing Assistance & Procurement of Raw material	<ul style="list-style-type: none"> i. National small Industries Corporation, Jamshedpur.
8.	Marketing Assistance-Reimbursement of Bar Code expenditure	<ul style="list-style-type: none"> i. MSME-DI ,Ranchi, ii. Br. MSME-DI, Dhanbad.
9.	Participation in International Trade Fares & Exhibitions	<ul style="list-style-type: none"> i. MSME-DI ,Ranchi, ii. Br. MSME-DI, Dhanbad.

KEY CONTACTS UNDER INDUSTRIES DEPTT. GOJ

NAME	DESIGNATION	TELEPHONE	FAX
Shri A.P. Singh, I.A.S.	Secretary	0651-2490746	0651-2491587
Sri Dharendra Kumar I.F.S.	Special Secretary	0651-2491305	0651-2491858
Smt. Vandana Dadel, I.A.S.	Director	0651-2491844	0651-2491884
Shri Raj Kumar	Deputy Secretary	0651-2490054	0651-2491587
Shri Rajeshwar Das	Additional Director	9431103656	0651-2491884
Shri Andriyas Topno	Under Secretary		
Sri G. Hansda	Joint Director Sericulture	0651-2490274	0651-2491858
Sri D.P. Vidyarthi	Deputy Director Budget	0651-2491878	0651-2491884
Sri Samrom Barla	Deputy Director		0651-2491884
Shri Indal Das	Deputy Director		
Shri Dilip Kumar Sharma	Deputy Director		
Shri Ramesh Gupta	Deputy Director		

Industrial Policy 2012, GOJ is annexed below.