

# JHARKHAND

## BOKARO DISTRICT

### INDUSTRIAL SITES

#### Steel Authority of India, Bokaro Plant

**JHAI01**

The **Bokaro Steel Ltd** was incorporated on 29/1/1964. The plant was designed and built with aid from the USSR. Construction work started on the plant in 4/1968. The first blast furnace was started in 10/1972. The company was merged into the **Steel Authority of India** by 1978. Bokaro produces hot rolled coils, hot rolled plates, hot rolled sheets, cold rolled coils, cold rolled sheets, tin mill black plates and galvanised plain and corrugated sheets.

Iron ore and fluxes are sourced from the SAIL mines at Kiriburu, Meghahataburu, Bhawanathpur, Tulsidamar and Kuteshwar. Washed coal is supplied from different washeries at Dugda, Kathara, Kargali and Giddi and raw coal is obtained from Jharia coalfields.

The plant has over 40 locos. A number of these are DLW WDS6 locomotives from the series 122-136/1982-3. This number series was delivered to Visakapatnam and Bokaro Steel Works but it is not known how many or which locos were delivered to which works.

**Reference:** [www.sail.co.in](http://www.sail.co.in)

Gauge: BG

4wDH	SAN	133	1978
4wDH	SAN	134	1978
Bo-BoDE	BHEL		1990
Bo-BoDE	BHEL		1990

#### Indian Explosives Ltd, Gomia

**JHAI02**

Opened on 5/11/1958. Established by the **Government of India** with assistance from **ICI**.

**Reference:** [www.gomia.biz/aboutgomia.php](http://www.gomia.biz/aboutgomia.php), [www.iciindia.com](http://www.iciindia.com)

Gauge: BG

4wDH	Telco	028	150hp
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## DHANBAD DISTRICT

### INDUSTRIAL SITES

#### Associated Cement Company, Sindri Works

**JHAI03**

Gauge: MG

4wDH	Telco	083	150hp
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Gauge: BG

0-4-0DH	Windh	1053	1954	1	SLg11180
6wDH	Ventra		1995		450hp

1 Supplied via Mannesmann Export [D].

**Bharat Coking Coal Ltd, Dhanbad****JHAI04**

Incorporated in 1/1972 to operate 214 coking coal mines in the Jharia and Raniganj coalfields. Nationalised on 16/10/1971. By 2005, BCCL operated 78 coal mines (41 underground, 16 open cast and 21 mixed), seven coking coal washeries, three non coking coal washeries, five by product coking plants and one 20MW power station.

Reference: bccl.cmpdi.co.in

Gauge: BG

4wDH	SAN	202	1980	DL/335/B
4wDH	SAN	203	1980	DL/335/B
4wDH	SAN	205	1980	DL/335/B
4wDH	SAN	209	1981	DL/335/B
4wDH	SAN	266	1982	DL/335/B

**A V Birla Group, Durgapur Cement Works****JHAI05**

Reference: CRJ 106

Gauge: BG

HGC26930	2-8-0	VF	2778	1909	1	HGC class
HGS 26713	2-8-0	NBQ	22352	1920	2	HGS class
	4wDH	Plym	6392	1964	3	MDT
	4wDH	Ventra		2004	4	335hp

- 1 ex IR. Supplied to NR, 1615. Transferred to EIR in 1925 and renumbered 2061. IR, 26930. Scr 1992.
- 2 ex IR, 1975. Supplied to EIR as GSP class, 1505. Reclassified as HGS. IR, 26713. Last used 1994, OOU1997.
- 3 From Satna works
- 3 Supplied to the Birla Corporation Ltd, Durgapur

**East Angarpatha Colliery****JHAI06**

Gauge: 2'0"

4wDH	HE	6076	1964
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**East Bhalgora Colliery, Kustore****JHAI07**

Gauge: 2'0"

4wDM	HE	4854	1957	21hp
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**East Ganhoodih Colliery, Bastacola****JHAI08**

Gauge: 2'0"

4wDHF	HE	6016
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**Jealgore Colliery, Dhanbad****JHAI09**

Gauge: 2'0"

4wPM	MR	1936	1920	1	20hp
0-4-0DM	HE	6033	1961		
0-4-0DM	HE	6034	1961		
0-4-0DM	HE	6035	1961		
0-4-0DM	HE	6036	1961		
0-4-0DM	HE	6037	1961		
0-4-0DM	HE	6038	1961		
0-4-0DM	HE	6039	1961		

0-4-0DM HE 6040 1961

1 Supplied via Pratt & Co, Calcutta

**Karanpura Colliery**

**JHAI10**

Gauge: 2'0"

4wDM	HE	4469	1953	21hp
4wDM	HE	4470	1954	21hp
4wDM	HE	4471	1954	21hp
4wDM	HE	4851	1954	21hp

**South Karanpura Coal Co**

**JAH11**

Gauge: 2'0"

4wDHF	HE	5264		
4wDHF	HE	5265		
4wDHF	HE	6014		
4wDHF	HE	6015		
4wDHF	HE	6019		

**Punkekajee Colliery, East Basuria Colliery Co Ltd**

**JHA12**

Gauge: 2'0"

4wDM	RH	497545	1963	LBT
4wDM	RH	497546	1963	LBT

**Fertilizer Corporation of India, Sindri**

**JHA13**

Established by the **Government of India** in 1951 as the **Sindri Fertilizer Factory**. Production commenced on 31/10/1951. The plant became part of the **Fertilizer Corporation of India Ltd** in 1/1961. Until the Talcher plant in Orissa opened in 1971, it was the only plant owned by the Fertilizer Corporation of India. When it was opened it had a production capacity of 1000 tonnes of ammonium sulphate a day. In 1974, a modernisation of the plant began which was completed by 1979. After the modernisation the plant then produced 297000 tonnes of ammonia, 330000 tonnes of urea, 18000 tonnes of ammonium nitrate, 4500 tonnes of ammonium bi-carbonate and 78870 tonnes of nitric acid pa. The plant closed on 16/3/2002.

**Reference:** [www.hinduonnet.com/2001/11/03/stories/10031045.htm](http://www.hinduonnet.com/2001/11/03/stories/10031045.htm), [fertcorpindia.nic.in](http://fertcorpindia.nic.in),

Gauge: BG

0-4-0F	Hen	25629	1954	1
0-4-0F	Hen	25630	1954	2
0-4-0DE	GE	34982	1964	3
0-4-0DE	GE	34983	1964	3

- 1 Supplied to Railways Inspectorate Branch. As Hen 25630 was supplied to this site, it is assumed that this loco was also supplied to this site.
- 2 Supplied via Railways Inspectorate Branch.
- 3 Supplied via Fertilizer Corporation of India as this was their only site when these locos were delivered, it is assumed that they were delivered here.

**Tata Steel Co Ltd, Coal Division, Jamadoba Colliery****JHA14**

Formerly the coal division of **Tata Iron & Steel Co**, since renamed as **Tata Steel Co Ltd**. Part of the Jharia division of the Tata Steel Coal division. The Jamadoba section has four mines – Jamadoba, Digwadih and 6&7 Pits. It produces coking coal that is transported to Jamshedpur steel works for the production of coke.

**Reference:**

[www.energymanagertraining.com/eca2004/award2004/Mining/TATA%20Steel%20Jharia%20Collieries%20Division.pdf](http://www.energymanagertraining.com/eca2004/award2004/Mining/TATA%20Steel%20Jharia%20Collieries%20Division.pdf)

Gauge: 3'6"

4wBE	GB	2711	1956
4wBE	GB	2712	1956
4wDHF	SAN	410	1989
4wDHF	SAN	412	1989
4wDHF	SAN	415	1990

Gauge: BG

J1	Bo-BoDE	GE	34128	1961
J2	Bo-BoDE	GE	34129	1961
	4wDH	Telco	058	150hp

**EAST SINGHBHUM DISTRICT****INDUSTRIAL SITES****Hindustan Copper Ltd, Ghatsila****JHA15**

**Indian Copper Corporation Ltd** commenced mining operations at Ghatsila in c.1930. In 1972 the company was nationalised and became part of **Hindustan Copper Ltd**. As well as mining, the site has a smelting and refinery facilities. It produces 15,000 tonnes of copper pa.

**Reference:** [www.hindustancopper.com](http://www.hindustancopper.com)

Gauge: 1'6"

4wBE	GB	1274	1932	1	Trammer
4wBE	GB	2497	1953	1	
4wBE	GB	2498	1953	1	
4wBE	GB	2499	1953	1	
4wBE	GB	2500	1953	1	

1 Supplied via Indian Copper Corporation Ltd.

Gauge: 2'0"

4wBE	GB	2934	1959	1	
4wBE	GB	6077	1962	1	
4wBE	GB	6095	1962	1	
4wBE	GB	6096	1962	1	
4wBE	CE	B0412.A	1974	2	
4wBE	CE	B0412.B	1974	2	
4wBE	CE	B0412.C	1974	2	
4wBE	CE	B0412.D	1974	2	
4wBE	CE	B0412.E	1974	2	
4wDH	Ventra		1978		30hp
4wDH	Ventra		1978		30hp
4wBE	Ventra		1978		30hp
4wBE	Ventra		1978		30hp
4wDH	SAN	187	1980		

1 Supplied via Indian Copper Corporation Ltd.

2 Supplied via International Construction

Gauge: 2'6"

4wDM	O&K	7352	1936	1	RL 1c
4wDM	FH	2234	1940	2	
4wDM	RH	221629	1944	3	48DL
4wDM	FH	3109	1947	2	
4wDM	FH	3268	1948	2	
4wDM	FH	3269	1948	2	
4wDH	SAN	9	1973		
4wDH	SAN	10	1973		
4wDH	SAN	23	1974		
4wDH	SAN	24	1974		
4wDH	SAN	55	1975		
4wDH	SAN	248	1982		
4wDH	SAN	252	1982		

- 1 Supplied via Parry Engineering Ltd for Indian Copper Corporation.
- 2 Supplied via New Consolidated Goldfields Ltd, London to Indian Copper Corporation Ltd.
- 3 Supplied via New Consolidated Gold Fields, Calcutta to Indian Copper Corporation Ltd.

Gauge: BG

4wDH	SAN	44	1973		
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### Indian Steel & Wire Products Ltd, Jamshedpur

JHAI16

Originally set up after WW1 but had gone into liquidation by the mid 1920s. The plant was purchased in 1927 by **Indra Singh**. At this time the total capacity of the mill was less than 1500 tons of wire and wire products pa. The capacity of the plant was increased to near about 12000 tons of wire and wire products pa and Government protection was granted in 1931. By 1935 the capacity of the plant was raised to nearly 40000 to 45000 tons of rods per year. This meant increased output of other subsidiary products of wire and wire nails. It became a limited liability company on 1/4/1935.

**Reference:** jamshedpur.nic.in

Gauge: BG

4wDH	Telco	022			150hp
4wDH	Telco	076			150hp

### Indian Tube Co Ltd, Jamshedpur

JHAI17

A joint venture, incorporated in 1954 between **Tata Iron & Steel Co** and **Stewarts & Lloyds Ltd** for the production of tube products. It currently produces over 90,000 tonnes of commercial piping pa.

**Reference:** jamshedpur.nic.in

Gauge: 2'6"

2w-2BE?	CE	5106	1965	1	
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- 1 Supplied via S&L Corby for export to The Indian Tube Co 1953 Ltd. Inter bay transfer bogie

Gauge: BG

0-4-0DE	RH	349084	1954	1	165DE
4wDH	Telco	006			150hp
4wDH	Telco	077			150hp
4wDH	SAN	229	1981		
4wDH	SAN	362	1986		

- 1 Supplied via Stewarts & Lloyds
- 2 Supplied via Tisco Tube

**Peninsular Locomotive Co, Tatanagar****JHAI18**

A private company formed in 1921 with the intention of producing locomotives for Indian railways. However by the time the works closed in 1925 not a single loco had been produced. In 1928, the Indian Government took over the site and used it to produce coach and wagon underframes until 1934 when it closed again. The site reopened again in 1940 for the production of armoured vehicles until 1945. In 1945, Tata purchased the site. The original works was demolished and a new plant was built for **the Tata Engineering and Locomotive Co (Telco)**.

**Reference:** jamshedpur.nic.in

Gauge: BG

	2-4-0CT	KS	4222	1922	1
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1 To EIR as a works locomotive

**Rakha Mines, Jamshedpur****JAH119**

Gauge: 2'6"

	RAVEN	0-4-0ST	WB	2004	1914	1
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1 Supplied via Cape Copper Co

**Tata Iron and Steel Co, Steel Division, Jamshedpur Steel Works****JHAI20**

Gauge: 2'0"

A	0-4-0T	O&K	1061	1904	50hp
	0-4-0T	O&K	4856	1911	30hp
A	0-6-0T	O&K	7246	1914	
B	0-6-0T	O&K	7247	1914	
	0-6-0WT	HC	1382	1920	
	4wVBGT	S	9179	1935	
	0-4-2ST	HE	3280	1945	
	0-4-0T	HKP	7912	1946	
	4wDH	KrM	17632	1951	
	4wDH	KrM	17633	1951	
	4wDH	KrM	17634	1951	
	4wDH	KrM	17635	1951	
	4wDH	KrM	17636	1951	
	4wDH	KrM	17637	1951	
	4wDH	KrM	17638	1951	
	4wDH	KrM	17639	1951	
	4wDH	KrM	17640	1951	
	4wDH	KrM	17641	1951	
	6wDM	Ruhr	2904	1951	D 80
	0-4-0T	Jung	11485	1952	
	0-4-0T	Jung	11486	1952	
	0-4-0T	Jung	12005	1954	
	0-4-0T	Jung	12006	1954	
	0-4-0T	Jung	12007	1954	
	0-4-0T	Jung	12008	1954	
	0-4-0T	Jung	12127	1954	
	0-4-0T	Jung	12128	1954	
	0-4-0T	Jung	12320	1956	
	0-4-0DM	Brook	4707	1961	BMD

Gauge: 3'0"

1	0-4-0T	AB	1240	1911	1
	0-6-0	HKP	7077	1919	
2	0-4-0T	Maff	4205	1921	2
	0-6-0	HKP	6422	1927	
3	0-4-0T	AB	1958	1928	3
	0-4-0ST	VIW	4527	1944	
SMS 3	0-4-0T	AB	2229	1947	

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4wDH	SAN	11	1973
4wDH	SAN	33	1975

- 1 Renumbered A.
- 2 Supplied via F Kott, London. Renumbered B.
- 3 Renumbered C.

Gauge: MG

0-4-0T	Maff	4300	1927
0-4-0T	Maff	4301	1927
0-4-0T	Maff	4302	1927
0-4-0T	Maff	4303	1927
0-4-0T	Maff	4304	1927
0-4-0T	Maff	4305	1927
0-4-0T	Maff	4306	1927
0-4-0T	Maff	4307	1927
0-4-0T	AB	2098	1941
0-4-0T	AB	2100	1941
0-4-0T	KrM	17616	1949
0-4-0T	KrM	17620	1949
0-4-0T	KrM	17622	1949
0-4-0T	AB	2363	1955
0-4-0T	AB	2364	1955

Gauge: BG

29	4-6-0	N	3676	1877	1	A class
30	4-6-0	N		1888	2	A class
8	0-4-0ST	SS	4296	1897	3	
9	0-4-0ST	SS	4442	1897	3	
7	0-4-0ST	NBA	15729	1903	3	
1	0-6-0	AlcoP	45967	1909		
2	0-6-0	AlcoP	45968	1909		
6	0-4-0ST	AB	1284	1912		
5	0-6-0	AlcoS	55002	1915		
	0-6-0	AlcoP	57699	1917		
	0-6-0	AlcoP	57700	1917		
	0-6-0	AlcoP	57701	1917		
	0-6-0	AlcoP	57702	1917		
	0-6-0	AlcoP	57703	1917		
10	0-6-0	AlcoC	59861	1918		
11	0-6-0	AlcoC	59862	1918		
13	0-4-0ST	VIW	2933	1918		
14	0-4-0ST	VIW	2934	1918		
13	0-6-0	AlcoC	58766	1920		
14	0-6-0	AlcoC	58767	1920		
15	0-6-0	AlcoC	58768	1920		
16	0-6-0	AlcoC	58769	1920		
17	0-6-0	AlcoC	58770	1920		
18	0-6-0	AlcoC	58771	1920		
19	0-6-0	AlcoC	58772	1920		
20	0-6-0	AlcoC	58773	1920		
22	0-6-0	KS	4394	1928		
23	0-6-0	KS	4395	1928		
24	0-8-0	HE	1755	1935		
25	B-BDE	GE	11674	1935		
26	0-6-0	HKP	7258	1938		
27	0-6-0	HKP	7259	1938		
	0-6-0	HKP	7297	1941		
	0-6-0	HKP	7368	1942		
	0-6-0	HKP	7610	1944		
	0-6-0	HKP	7611	1944		
TELCO 1	0-6-2CT	AB	2231	1947		
	0-8-0DM	KrM	17782	1952		ML 550 D
	0-8-0DM	KrM	17783	1952		ML 550 D
	4wDH	KrM	17824	1952		M 200 B
	4wDH	KrM	17825	1952		M 200 B
	0-4-0WE	GB	2421	1953		
39	Bo-BoDE	GE	32177	1954		80 ton

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40	Bo-BoDE	GE	32178	1954	80 ton
41	Bo-BoDE	GE	32179	1954	80 ton
42	Bo-BoDE	GE	32180	1954	80 ton
43	Bo-BoDE	GE	32181	1954	80 ton
44	Bo-BoDE	GE	32182	1954	80 ton
45	Bo-BoDE	GE	32183	1954	80 ton
46	Bo-BoDE	GE	32184	1954	80 ton
47	Bo-BoDE	GE	32185	1954	80 ton
48	Bo-BoDE	GE	32235	1955	80 ton
49	4wDH	KrM	17898	1953	
50	4wDE	GE	32317	1955	80 ton
51	4wDE	GE	32318	1955	80 ton
52	4wDE	GE	32319	1955	80 ton
53	4wDE	GE	32320	1955	80 ton
54	4wDE	GE	32886	1957	25 ton
55	Bo-BoDE	GE	32965	1957	80 ton
56	Bo-BoDE	GE	32966	1957	80 ton
57	Bo-BoDE	GE	32967	1957	80 ton
58	Bo-BoDE	GE	32968	1957	80 ton
59	Co-CoDE	GE	32884	1957	115 ton
60	Co-CoDE	GE	32885	1957	115 ton
61	Bo-BoDE	GE	33433	1958	
62	Bo-BoDE	GE	33434	1958	
63	Bo-BoDE	GE	33435	1958	
64	Bo-BoDE	GE	33436	1958	
65	Bo-BoDE	GE	33437	1958	
66	Bo-BoDE	GE	33425	1958	
68	Bo-BoDE	GE	33640	1958	
69	Bo-BoDE	GE	33641	1958	
70	Bo-BoDE	GE	33642	1958	
71	Bo-BoDE	GE	33661	1959	
72	Bo-BoDE	GE	33662	1959	
73	Bo-BoDE	GE	34120	1960	
74	Bo-BoDE	GE	34121	1960	
75	Bo-BoDE	GE	34122	1960	
76	Bo-BoDE	GE	34123	1960	
77	Bo-BoDE	GE	34124	1960	
78	Bo-BoDE	GE	34125	1960	
79	Bo-BoDE	GE	34126	1960	
81	Bo-BoDE	GE	34127	1961	
86	Bo-BoDE	GE	35073	1964	
87	Bo-BoDE	GE	35784	1966	
88	Bo-BoDE	GE	35785	1966	
	4wBE	Atlas	3551	1966	
	Co-CoDE	GE	38266	1972	
	Co-CoDE	GE	38267	1972	
89	Bo-BoDE	GE	38270	1972	
90	Bo-BoDE	GE	38271	1972	
91	Bo-BoDE	GE	38272	1972	
92	Bo-BoDE	GE	38273	1972	
95	Bo-BoDE	GE	38274	1972	
96	Bo-BoDE	GE	38275	1972	
97	Bo-BoDE	GE	38276	1972	
98	Bo-BoDE	GE	38277	1972	
	Bo-BoDE	GE	41069	1976	
	Bo-BoDE	GE	41070	1976	
	Bo-BoDE	GE	41071	1976	
	Bo-BoDE	GE	41077	1977	
	Bo-BoDE	GE	41078	1977	
	Bo-BoDE	GE	41079	1977	
	Bo-BoDE	GE	41080	1977	
	Bo-BoDE	GE	41205	1982	
	Bo-BoDE	GE	41237	1982	
	4wDH	Telco	080		150hp
	4wDH	Telco	143		150hp
	4wDH	Telco	155		150hp
	4wDH	Telco	183		150hp
	4wDH	Telco	189		150hp
	Bo-BoDE	BHEL		1989	
	Bo-BoDE	BHEL		1990	

Bo-BoDE	BHEL	1990
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- 1 ex BNR, No.8, 1943.
- 2 ex BNR, No. 55 or 60, works numbers 3745 or 3750, 1943.
- 3 ex EIR, 1913. These were construction locomotives and were named KUDRA, BUDH and BARAKAR (but it is not known which was which).

### Tata Engineering and Locomotive Co, Jamsdedpur

JHAI21

Established by **Tata Ltd** in 1945 to manufacture locomotives and other engineering products. It produced 1155 YP and YG MG steam locomotives for IR and 211 MG and BG 150hp diesel locomotives for industrial use between 196x and 197x. The company no longer builds locomotives and has now become **Tata Motors Ltd** and builds motor vehicles.

**Reference:** www.tatamotors.com, IL IV

Gauge: 610mm

6wDM	O&K	25659	1956	MV8
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Gauge: MG

4wDH	Telco	001	1	150hp
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- 1 Prototype of Telco 150hp locomotive, eventual fate unknown.

Gauge: BG

4wDH	Telco	054	150hp
4wDH	Telco	211	150hp
4wDH	Telco	212	150hp

These locomotives were delivered unknown sites.

### The Tinplate Company of India Ltd, Golmuri, Jamshedpur

JHAI22

**Tinplate of India Ltd** was formed, with **Burmah Oil** as the major share holder, in 1920 and the works opened on 18/12/1922. It had a production capacity of 28,000 tonnes of tinplate pa produced from a Hot Dip plant. By 1951 the output had trebled to over 69,000 tonnes pa. A new Electrolytic Tinplate and Tin Free Steel plant was inaugurated in 1/1979. In 1982 **Tisco** took over the major share holding and took over the management of the company. Steel is supplied in bar form from the Tata Steel Ltd, Jamshedpur works via special railway wagons.

**Reference:** www.tatatinplate.com, jamshedpur.nic.in

Gauge: BG

1	0-4-0ST	VIW	3174	1921
3	4-6-0	N	3689	1887 1
MARGARIT	0-6-0ST	RSHN	7334	1947
MARY	0-6-0ST	RSHN	7885	1956
PETER	0-6-0DH	AB	481	1963

- 1 ex BNR, 21, 1921(?)

## HAZARIBAGH DISTRICT

### INDUSTRIAL SITES

#### Jharkhand State Electricity Board, Patratu Thermal Power Station

JHAI23

Gauge: BG

4wDH	Telco	089	150hp
4wDH	Telco	090	150hp

**Tata Iron and Steel Co, Coal Division**

Have one open cast site and six underground mines

**Ghatotand**

**JHAI24**

Gauge: 2'6"

4wDH	Ventra	1980
4wDH	Ventra	1980

Gauge: 1067mm

4wDH	Ventra	1983
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**West Bokaro Colliery**

**JHAI25**

Established in 1948 as **West Bokaro Colliery** and managed by **Anderson Wright**. The company was acquired by **Tisco** in 1956 to meet its requirement of metallurgical grade coal for Iron making. It became a division of Tata Steel in 1976. The coal is delivered to the Tata Steel works at Jamshedpur and used in the coke ovens to produce coke.

**Reference:** [www.energymanagertraining.com/eca2006/Award2006\\_CD/20Mining/TataSteelWestBokaro.pdf](http://www.energymanagertraining.com/eca2006/Award2006_CD/20Mining/TataSteelWestBokaro.pdf)

Gauge: 2'0"

0-4-0T	O&K	10090	1926	30hp
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Gauge: 3'6"

0-6-0DMF	HC	D646	1948		
0-4-0DMF	HC	D667	1950		
0-4-0DMF	HC	D668	1950		
0-4-0DMF	HC	D669	1950		
0-4-0DMF	HC	D758	1951		
0-4-0DMF	HC	D759	1951		
0-6-0DMF	HC	D1311	1963		
0-4-0DMF	RH	497747	1963	1	LHG
0-4-0DMF	RH	497748	1963	1	LHG
0-4-0DMF	RH	497749	1963	1	LHG
0-4-0DMF	RH	497750	1963	1	LHG
0-4-0DMF	RH	497752	1964		LHG
0-4-0DMF	RH	506387	1964		LHG
0-4-0DMF	RH	506388	1964		LHG
0-4-0DMF	RH	506389	1964		LHG
0-4-0DMF	RH	506915	1964	1	LHG
0-4-0DMF	RH	506916	1964	1	LHG
0-4-0DMF	RH	512141	1964	1	LHG
0-4-0DMF	RH	512142	1964	1	LHG
0-4-0DMF	HC	D1391	1969		
0-4-0DMF	HC	D1392	1969		
4wDHF	SAN	70	1976		
4wDHF	SAN	94	1976		
4wDHF	SAN	135	1978		
4wDHF	SAN	137	1978		
4wDHF	SAN	176	1980		
4wDHF	SAN	177	1980		
4wDHF	SAN	196	1980		
4wDHF	SAN	197	1980		
4wDHF	SAN	199	1980		
4wDHF	SAN	200	1980		
4wDHF	SAN	246	1982		
4wDHF	SAN	387	1987		
4wDHF	SAN	404	1989		

1 Supplied via Martin Burn

**Umi Special Steel Ltd, Bhurkunda****JHAI26**

Established as **Bihar Alloys Steel Ltd**, date unknown. Became **Umi Special Steel Ltd**, date unknown. The plant closed down in 2005. The site was acquired by **Jindal Steel & Power Ltd** in 2007 with the intention of building a new 5m tonnes pa capacity steel plant.

**Reference:** [www.telegraphindia.com/1070111/asp/ranchi/story\\_7245555.asp](http://www.telegraphindia.com/1070111/asp/ranchi/story_7245555.asp), [www.jindalsteelpower.com](http://www.jindalsteelpower.com)

Gauge: BG

4wDH	SAN	244	1982
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- 1 Supplied to Bihar Alloy Steels Ltd

**RANCHI DISTRICT****INDUSTRIAL SITES****Heavy Engineering Corporation, Ranchi****JHAI27**

A **Government of India** venture commenced in 1958. Responsible for the design, manufacture and installation of large industrial complexes and equipment for these complexes. It has three divisions - Heavy Machine building plant, Heavy Machine tools plant and Foundry Forge plant. The first two were collaborations with Czechoslovakia the other with the USSR.

**Reference:** [www.hecltd.com](http://www.hecltd.com)

Gauge: BG

4wDH	Telco	198		150hp
4wDH	Telco	204		150hp
4wDH	SAN	303	1983	DL/200/B/CD

**Hindustan Construction Ltd, Ranchi****JHAI28**

Gauge: 2'0"

4wDM	MR	9519	1950	1	20/28hp
4wDM	MR	9520	1950	1	20/28hp
4wDM	MR	9521	1950	1	20/28hp
4wDM	RH	462368	1960		LBU
4wDM	RH	462369	1960		LBU
4wDM	MR	11209	1962	2	50hp
4wDM	MR	11210	1962	2	50hp
4wDM	MR	11211	1962	2	50hp
4wDM	MR	11212	1962	2	50hp
4wDM	MR	22145	1962	3	30hp
4wDM	MR	22146	1962	3	30hp
4wDM	MR	22158	1962	3	30hp
4wDM	MR	22159	1962	3	30hp
4wDM	MR	22160	1962	3	30hp
4wDM	MR	22161	1962	3	30hp

- 1 Supplied via RMP via Parry, Bombay
- 2 Supplied via RMP, London
- 3 Supplied via RMP via Parry. Carried Parry plates.

**Khanki Division, Ranchi****JHAI29**

Gauge: 2'0"

0-4-0WT	HC	963	1912	1
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1 Supplied via Hudson & Co

**PRESERVED SITES**

**Ranchi Station**

**JHAP01**

Gauge: 2'6"

676 4-6-2 NBA 17826 1907 1 CC class

1 Supplied to BNR(SL), 0037. IR, 676.

**SINGHBHUM DISTRICT**

**INDUSTRIAL SITES**

**Uranium Corporation of India Ltd, Jaduguda**

**JHAI30**

Incorporated on 4/10/1967 by the **Government of India**. It has a mining complex at Jagududa with a mill nearby.

Reference: www.ucil.gov.in

Gauge: 2'0"

4wDH	Ventra	1976	30hp
4wDH	HE	9260	1985
4wDH	HE	9261	1985
4wDH	HE	9264	1985
4wDH	HE	9265	1985
4wDM	HE	9315	1993
4wDM	HE	9316	1993
4wDH	HE	9340	1994
4wDH	HE	9341	1994
4wDH	HE	9342	1994

Plus other locomotives built by HE/HAB

**SAHIBGANJ DISTRICT**

**INDUSTRIAL SITES**

**Sahibganj Station**

**JHAP02**

Gauge: BG

8258 2-8-2 CLW 1959-60 1 WG class

1 Supplied to IR 8258. Wdn 1992.

**WEST SINGHBHUM DISTRICT**

**INDUSTRIAL SITES**

**Associated Cement Company, Jhinkpani Works, Chaibasa**

**JHAI31**

Gauge: BG

0-6-0ST	AB	2236	1953
0-6-0ST	AB	2348	1954

4wDH	Telco	082		150hp
4wDM	SAN	125	1977	
4wDM	SAN	279	1983	
Bo-BoDM	SAN	366	1986	
0-6-0DM	SAN	459	1993	
Bo-BoDM	SAN	500	1996	

**Birds, Bara Jamda**

**JHAI32**

Gauge: 2'0"

	0-6-0T/t	JF?		
25	0-4-2T			
	2-6-0T	HE		

**Tata Iron and Steel Co, Steel Division, Noamundi Iron Mine**

**JHAI33**

Iron ore was discovered at Noamundi in 1907. **Tisco** first started manual mining in 1925. A mono ropeway was installed for transportation in the 1940s. A Primary/Secondary Crusher & Washing Plant and Heavy Media Separation plant were installed in 1953. A blue dust pelletising plant was opened in 1971, this closed in 1980. A Dry circuit material Processing Plant was installed in 1989 with a Primary Crusher for Dry Circuit Material installed in 1992. In 2005 the mine was expanded with a jigging plant and a hydrocyclone being added.

Reference: [www.tatasteel.com](http://www.tatasteel.com)

Gauge: 2'0"

	0-4-2ST	HE	3140	1944
	0-4-2ST	HE	3141	1944
	0-4-2ST	HE	3278	1945

Gauge: BG

	4wDH	Telco	191	150hp
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**PRESERVED SITES**

**DRM Office, Chakradharpur**

**JHAP03**

Gauge: 2'6"

11 STELL	0-4-2T	AB	1506	1917	1
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1 From Indian Iron & Steel, Manoharpur iron ore mines.

**UNKNOWN DISTRICT**

**INDUSTRIAL SITES**

**Chotanagpur Forest Syndicate**

**JHAI33**

Gauge: 2'0"

	4wDM	HE	4145	1948
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**Damodar Valley Corporation**

**JHAI34**

Set up in 1948 to be responsible for flood control, irrigation, generation, transmission and distribution of electricity, eco-conservation and afforestation in the Damodar valley area. Responsible for building dams the following dams: Barakar river at Talaiya in 1953, Konar river at Kornar in 1955, Barakar river Maithon in 1957 and the Damodar river at and

Panchet in 1959. A barrage was built at Durgapur downstream of the four dams in 1955, with head regulators for canals on either side of the barrage for feeding canals. Hydro electric power stations were also constructed at Tilaiya, Maithon and Panchet. It also constructed thermal power stations at Bokaro, Chandrapura, Durgapur and Mejia. It also ran a coal mine at Bermo which it took over from **Indian Railways** in 1951.

**Reference:** www.dvcindia.org

Gauge: 2'0"

4wDM	HE	4234	1950	1	
4wDM	HE	4235	1950	1	
4wDM	HE	4236	1950	1	
4wDM	HE	4237	1950	1	
4wDM	MR	9854	1953	2	20/28hp
4wDM	MR	9855	1953	2	20/28hp
4wDM	MR	9856	1953	2	20/28hp
4wDM	MR	9857	1953	2	20/28hp
4wDM	MR	9865	1953	2	20/28hp
4wDM	MR	9866	1953	2	20/28hp
4wDM	MR	9867	1953	2	20/28hp
4wDM	MR	9868	1953	2	20/28hp

- 1 Supplied via Robert Hudson, used on dam building,
- 2 Supplied via RMP via Parry Calcutta

Gauge: BG

0-4-0D	Kawa	65	1961		300hp
0-4-0D	Kawa	66	1961		300hp
4wDH	Telco	075			150hp
4wDH	Telco	078			150hp
4wDH	SAN	130	1978		
4wDH	SAN	234	1981		
4wDH	SAN	235	1981		
4wDH	SAN	342	1985		
0-4-0DH	SAN	484	1995		

### Tata Iron and Steel Co, Coal Division, Unknown site

JHAI35

Gauge: NG

1	4wDE	GE	32208	1954	1	35 ton
2	4wDE	GE	32211	1954	1	35 ton
3	4wDE	GE	32209	1954	1	35 ton

- 1 Supplied to Coal department

### Tata Iron and Steel Co, Steel Division

#### Badarhahar Iron Mine

JHAI36

Gauge: 2'0"

0-4-2ST	HE	3279	1945		
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#### Corumsnisani Iron Mine

JHAI37

Gauge: 2'0"

0-4-2ST	HE	3142	1944		
0-4-2ST	HE	3143	1944		