

STEEL AUTHORITY OF INDIA LIMITED (SAIL)

1. Main Area of Activity

- 1.1** The Steel Authority of India (SAIL) was set up in 1973 and is a company registered under the Indian Companies Act, 1956. Its headquarters are located in New Delhi. SAIL is a Maharatna, Schedule 'A' Company.
- 1.2** The Company is primarily engaged in the production of steel. It is one of the largest steel producer in the country with five integrated steel plants and three special steel plants. The main products of each of these plants are given below:

Integrated Steel Plants:

Bhilai Steel Plant (BSP), Bhilai (Chhattisgarh): Products : Rails [upto 260 m long rail panels], PM Plates, TMT, Wire Rods, Structural, Blooms.

Durgapur Steel Plant (DSP), Durgapur (West Bengal): Products : Wheels & Axles for Railways, TMT, Structural, Billets, Blooms.

Rourkela Steel Plant (RSP), Rourkela (Odisha): Products : Hot Rolled Coils & Plates, PM Plates, ERW and SW Pipes, CRNO, defence supplies.

Bokaro Steel Plant (BSL), Bokaro (Jharkhand): Products : Hot Rolled Coils, HR Sheets, HR Plates, CR Coils and Sheets, GP/ GC Sheets.

IISCO Steel Plant (ISP), Burnpur (West Bengal): Products : Wire Rods, TMT, Structural, Billets, Blooms

Special Steel Plants:

Alloy Steels Plant (ASP), Durgapur (West Bengal) : Rounds, billets, blooms, slabs, flats, plates, crane wheels, defence supplies, forged alloy & special steel products.

Salem Steel Plant (SSP), Salem (Tamil Nadu): Cold Rolled Stainless steel coils and sheets, Hot Rolled Stainless Steel coils and sheets, Hot Rolled carbon steel coils and sheets, Coin blanks.

Visvesvaraya Iron & Steel Plant (VISL), Bhadravati (Karnataka): Products – Bars, rounds and forged alloy & special steel products.

1.3 Captive Mines

SAIL is the India's third largest iron ore producer with a network of 15 iron ore mines in the States of Jharkhand, Odisha and Chhattisgarh, under the administrative control of BSL, RSP and BSP respectively and cater to 100 % requirement of SAIL Steel Plants. SAIL also has 4 Coal Mines and 3 Flux Mines.

Jharkhand Group of Mines: These mines are controlled by Bokaro Steel plant. Four no. of iron ore mines (Kiriburu, Meghahatuburu, Gua and Chiria) and four no. of coal mines (Chasnalla, Jitpur and Tasra – coking coal mines in Jharkhand and Ramnagore Colliery – non coking coal mine in West Bengal), come under the purview of this group.

Odisha Group of Mines: These mines are controlled by Rourkela Steel plant. Four no. of iron ore mines (Bolani, Barsua, Taldih and Kalta) come under the purview of this group.

Chhattisgarh Group of Mines: These mines are controlled by Bhilai Steel plant. Three nos. of flux mines (Kuteshwar Limestone – M.P. and Hirri Dolomite and Nandini Limestone - Chhattisgarh) and seven nos. of iron ore mines (Dalli Mechanical, Rajhara Mechanical, Jharrandalli, Mahamaya, Kalwarnagur, Dulki and Rowghat - under development) come under the purview of this group.

Total mineral production by SAIL during the year 2023-24 was –36.89 MT (Iron ore- 34.34 MT, Limestone - 1.53 MT, Dolomite – 0.49 MT, Coking Coal – 0.46 MT and Thermal Coal – 0.075 MT).

1.4 Marketing

The sales & marketing of carbon, alloy and special steel products produced by SAIL, is handled by Central Marketing Organisation (CMO) having its headquarter at Kolkata. CMO has a PAN India network of 37 Branch Sales Offices. In addition, 35 warehouses and 4 customer contact offices are in operation and there is a dealership network consisting of around 5,400 dealers. Export sales are handled by International Trade Division (ITD) located at New Delhi.

1.5 Other Units

Research & Development Centre for Iron & Steel (RDCIS), Ranchi (Jharkhand): Undertakes R&D projects in different realms of Iron & Steel Technology under the categories of Plant Performance Improvement, Product Development, Scientific Investigation and Development, Basic Research, Simulation Technology, Pilot Plants, Technical Services; and also undertakes Collaborative Research with many institutions / corporates, paper publication & patents.

Centre for Engineering & Technology (CET), Ranchi (Jharkhand): Provides complete range of engineering consultancy services to the SAIL Plants and also outside SAIL.

Management Training Institute (MTI), Ranchi (Jharkhand): An Apex Institute for management training in SAIL for various hierarchical levels. It also provides management training for organizations other than SAIL. MTI has collaborations with prestigious institutes & technology providers, and also conducts various technical training sessions.

SAIL Safety organization Ranchi (Jharkhand): Monitors and guides the safety related activities undertaken at different steel Plants/Units/Mines/Stockyards.

Environment Management Division, Kolkata: Centrally monitors & coordinates the emission control, Green Steel and Carbon Capture, Utilization & Storage activities in all SAIL plants. It also monitors the compliance to the environmental norms in the Plants.

Growth Division, Kulti (W.B.): Produces various spares / rollers required in the plants. Synergizes the available facilities in the engineering shops within SAIL.

SAIL Refractory Unit (Bokaro): Manufactures various refractories for SAIL through its four no. of manufacturing units located in Jharkhand (3) and Chhattisgarh (1).

Chandrapur Ferro Alloy Plant (CFP) in Chandrapur, Maharashtra: This plant produces Silico-manganese for use in SAIL steel plants; and also produces a small portion of Ferro-Manganese as well.

1.6 SAIL Refractory Company Limited, SRCL, is a wholly owned subsidiary of SAIL and located in Salem, Tamil Nadu. SRCL became subsidiary of SAIL w.e.f. 16.12.2011. It has captive magnesite & dunite mines and produces various refractories for SAIL.

1.7 Major Joint Venture Companies :

- **NTPC–SAIL Power Company Pvt. Ltd. (NSPCL)** – a 50:50 joint venture between SAIL and NTPC, owns and operates Power Plants at Durgapur, Rourkela and Bhilai with installed capacity of 1,104 MW.
- **Bokaro Power Supply Co. Ltd. (BPSCL)**– a 50:50 joint venture between SAIL and Damodar Valley Corporation (DVC) has an installed capacity of 338 MW power generation and also has facility for generation of 960 tonnes steam per hour at Bokaro Steel Plant, Bokaro.
- **Mjunction Services Limited** - a 50:50 joint venture between SAIL and Tata Steel, promotes e-commerce activities in steel and related areas.
- **Bhilai Jaypee Cement Limited (BJCL)** - a joint venture company with M/s Jaiprakash Associates Ltd on a 26:74 basis, owns a 2.2 MTpa capacity slag based cement plant at Bhilai, which is meant to produce cement using Blast Furnace slag from Bhilai Steel Plant.
- **International Coal Ventures Private Limited** - International Coal

Ventures Pvt. Ltd. (ICVL) was set up by the Government of India as a joint venture company with 5 central PSUs as its promoters namely SAIL, RINL, NMDC, CIL and NTPC, with the objective of acquiring equity stakes in coal assets/ mines/coal companies in overseas territories primarily for use of coal by its promoters. SAIL holds 47.83% shareholding in the JV. ICVL has acquired three coal assets (one operating mine and two greenfield coal assets) in Moatize basin of Mozambique. ICVL has production capacity of 1.5 MTPA low ash coking coal & 0.3 MTPA high ash coal. It supplies to SAIL and RINL from its operating mine (Benga) in Mozambique.

- **SAIL RITES Bengal Wagon Industry Pvt. Limited** - a 50:50 joint venture between SAIL and RITES to manufacture wagons, including high end specialised Wagons and Rehabilitation of Wagons. The Company has manufacturing facility at Kulti in West Bengal. The company has capacity to manufacture 1,200 nos. new wagons per year and capacity to rehabilitate 300 wagons per year.
- **SAIL SCL Kerala Limited:-** is a Joint Venture between SAIL and Govt. of Kerala. The JV was formed to revive the erstwhile Steel Complex Limited, a Public Sector Company of Govt. of Kerala. SAIL and Govt. of Kerala hold equal shares in the Company. The company was referred to NCLT in March 2023. The NCLT has completed the proceedings.
- **SAIL Bansal Service Centre Limited:-** is a Joint Venture between SAIL and BMW Industries Limited. The JV operates a Service Centre for production of Flat products in customized sizes at Bokaro. SAIL holds 40% share in the JV.
- **Prime Gold-SAIL JVC Limited:** a 26:74 Joint Venture between SAIL and Prime Gold International Limited for setting up of a Steel Processing Unit (SPU) for manufacturing of 100,000 tonnes per annum TMT Bars at Gwalior in Madhya Pradesh (MP)
- **GEDCOL SAIL POWER CORPORATION LIMITED (GSPCL)** is a Joint Venture between SAIL (26%) and Green Energy Development Corporation of Odisha Limited (GEDCOL) (74%) for installation of a small hydroelectric power plant (10 MW) at Mandira Dam of RSP. The JV is in Project stage as of now.
- **Bastar Railway Private Ltd.:** It is a Joint Venture of SAIL, NMDC, IRCON and Govt. of Chhattisgarh/CMDC. SAIL holds 12% shareholding in the JV. The JV is setting up a 140 Km Broad-Gauge Single Railway Line Corridor from Jagdalpur to Rowghat.

1.8 Steel Processing Units :

- **Kandrori, Kangra, H.P.:** It is 100% SAIL owned Unit. It has set up a 1,00,000 TPA TMT Bar Mill and was commissioned in July' 2017.
- **Jagdishpur SAIL Unit, Jagdishpur, U.P.:** It is a 100% SAIL owned Unit. It has set up 1,50,000 Tpa TMT bar mill; and also has a Crash Barrier Unit and a Corrugation Unit at Jagdishpur.
- **Bettiah, Bihar:** It is a 100% SAIL owned Unit. It has set up a Tube Mill for production of 50,000 TPA of Black Pipes.

2. Manpower (as on 01.04.2024) : 55,989

3. **Capital Structure** : The Authorized and paid up Capital of SAIL is Rs.5000.00 cr. and Rs.4130.53 cr. respectively. Government shareholding in SAIL is 65%.

6. Physical Performance :

The details of the actual production is given below:

(Unit: Million Tonnes)

Items	2022-23	2023-24
Hot Metal	19.40	20.49
Crude Steel	18.29	19.24
Saleable Steel	17.24	18.43

7. Sales Turnover, Profit Before Tax (PBT) and Profit After Tax (PAT)

(Unit: Rs. Cr.)

Items	2022-23	2023-24
Sales Turnover	1,03,768	1,04,545
Profit Before Tax (PBT)	2,637	3,688
Profit After Tax (PAT)	1,903	2,733

8. Dividend: During the year 2023-24, SAIL declared interim dividend of 10% to its shareholders, of which Govt. of India's share amounted to Rs.268.47 crore approx.