

Beyond Construction; From Foundations to Furnaces



FAMECO
Engineering Contractors Pvt Ltd

ISO 9001 : 2015 CERTIFIED | OHSAS 18001 : 2007 CERTIFIED

MD'S MESSAGE



ALTHAF MANSOOR
Managing Director

In the emerging scenario of industrial growth in the domestic and international arena FAMECO keeps an intention to develop into a strong and solid partner. Being established as a versatile partner in the national market FAMECO wishes to spread its wings internationally too. Equipped with well experienced work force and essential ammunition FAMECO meets challenges in the industry.

MISSION

Quality and safety make FAMECO the best business and a most satisfied partner among corporate. The motto of FAMECO is delivering best performance minimising time conception and economic feasibility. The advantage of FAMECO is the team spirit among entire organisation and united efforts for best results. FAMECO promises the growth in the industry by its best involvement.

VISION

FAMECO is spirited and devoted construction group based in Calicut, Kerala. during the short span of incorporation we are proud for our presence in the industry with colourful performance towards the customers satisfying their needs to the international quality. FAMECO's customer-focused approach and the continuous quest for world-class quality have enabled it to attain and sustain leadership in business.



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Our Pledge

We will meet your expectation on time and on budget. Provide total solution and take care of detail, be a reliable company of quality work. Conduct business with honesty and integrity. We have worked hard to earn a reputation for quality work and integrity in dealing with clients and contractors. We believe in do the best possible service through constant innovation by doing the right thing first and every time..

Objectives

- Keep up with high standard of professionalism adopting latest technologies
- Have a Long Term Growth and Relationship perspective,
- Ensure Timely completion of Project
- Cost optimisation and high quality Engineering
- Work towards Enhanced Client Satisfaction



TRUST MAKES PATRONS

Fabrication, Erection, Commissioning, Maintenance, HR by managing projects closely, adhering to strict safety guidelines and demanding projects the highest quality workmanship we build our reputation for completing projects on time at the lowest cost.

ABOUT US



As a well-established mechanical construction company with a proven track record of more than **Twenty Five Years in fabricating and erecting large plant equipment across the nation**, we are proud to announce the expansion of our services into a new, vital domain: **Consultancy of Integrated Steel Plant Projects such as Sponge iron, Pellets plant and Steel melting units**. This strategic venture leverages our extensive expertise in mechanical construction and project execution, positioning us as a comprehensive partner for the entire lifecycle of Integrated Steel manufacturing facilities. From concept to commissioning, our consultancy division offers end-to-end solutions, guiding clients through every critical phase of their iron projects.

We go beyond mere feasibility studies, providing end-to-end project lifecycle management, from initial conceptualization and detailed engineering to equipment selection, procurement support, and seamless commissioning. Our specialized focus ensures optimized raw material utilization – particularly in leveraging iron ore fines for high-quality pellets – and maximizing energy efficiency across both segments. We meticulously analyze operational workflows to identify bottlenecks and implement robust solutions that drive down costs, enhance product quality, and significantly boost overall plant profitability and sustainability.

Our Services

Sponge Iron Plant (DRI)

Pellet Plant

Steel Melting Plant (SMS)

Consulting Services

Engineering Procurement and Construction (EPC)

Operating Maintenance (O&M)

Running Contract Services

Research and Development

The Pivotal Role of Sponge Iron in the Modern Steel Industry

Sponge Iron, also known as Direct Reduced Iron (DRI), is a metallic product produced by the direct reduction of iron ore in a solid state. It has emerged as a crucial raw material in the global steel industry, offering numerous advantages:

Superior Feedstock for Steel making:

Sponge Iron serves as an excellent substitute for costly melting scrap in electric arc furnaces (EAFs) and induction furnaces, which are increasingly adopted for steel production. Its low impurity levels, particularly in sulfur and phosphorus, ensure the production of high - quality steel.

Growing Demand:

With rapid urbanization, infrastructure development, and industrial growth, especially in emerging economies like India (the world's largest producer of sponge iron), the demand for steel continues to surge. This directly fuels the need for high-quality sponge iron as a primary input.





Our Holistic Approach to Sponge Iron Project Consultancy

Our consultancy services encompass the entire spectrum of Sponge Iron project development, providing clients with unparalleled guidance and support at every stage.

Feasibility Studies and Project Conceptualization

We conduct thorough market analysis, raw material assessment, technological evaluation (coal-based rotary kiln or gas-based reduction), and financial modeling to determine the viability and optimal configuration of your Sponge Iron plant.

Detailed Engineering and Design

Leveraging our deep understanding of mechanical engineering and plant design, we develop robust and efficient layouts, equipment specifications, and process flow diagrams tailored to your specific requirements.

Technology Selection and Integration

We assist in selecting the most suitable technology and integrate it seamlessly into the overall plant design, ensuring operational efficiency and adherence to environmental standards.

Procurement Assistance

Our extensive network and experience in the industry enable us to provide strategic guidance on equipment procurement, ensuring cost-effectiveness and timely delivery.

Environmental Compliance and Sustainability

We prioritize environmentally responsible practices, helping clients navigate regulatory requirements and implement sustainable solutions throughout the project lifecycle.

Operations and Maintenance Support

Beyond commissioning, we provide ongoing support for plant operations, including troubleshooting, efficiency optimization, and capacity enhancement and support for all maintenance and shutdown activities.



PROJECTS

Orissa Metallurgical Industry Private Limited
Gookulpur, Kharagpur (W.B.)

COMPLETED

650 TPD & 900 TPD DRI



Orissa Metallurgical Industry Private Limited
Gokulpur, Kharagpur (W.B.)

ONGOING
1200 TPD & 1000 TPD DRI



PROJECTS

Shyam Steel Works Pvt. Ltd

Lachhmanpur , Purulia (WB)

COMPLETED

Integrated Steel Plant



PROJECTS

SMW ISPAT PVT LTD

Wardha , Maharashtra

ONGOING

500 TPD Kiln Cooler Waste Gas System
Fabrication And Erection Work.



PROJECTS

Giridhan Metal Private Limited (Damodar Ispat Ltd)

Jamuria , West Bengal

COMPLETED

All Project Work (Structural, Bin's Conveyor Fabrication, Erection and Equipment Erection Of Kiln Cooler etc.)



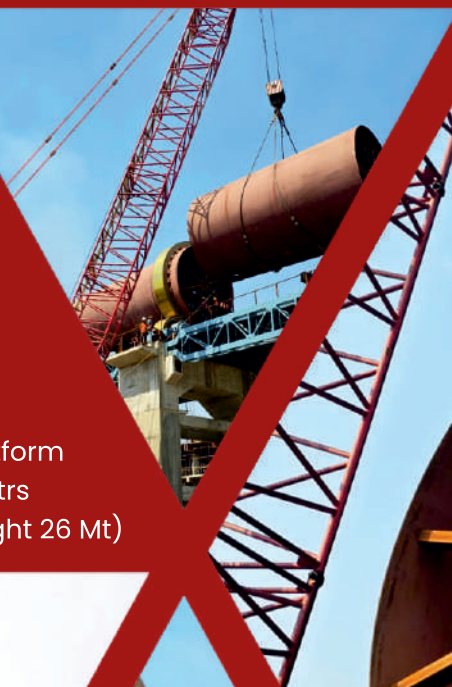
GALLERY



PSB Column
erection

1200 TPD Kiln Tyre
Erection

Day Bins Upper Platform
Erection (08 X 24 Mtrs
For 3 Hoppers, Weight 26 Mt)



OVERHAUL OF KILN SHELL UNIT



Tata Sponge Iron Ltd

Gallant Ispat Ltd.

Maithan Ispat Ltd.

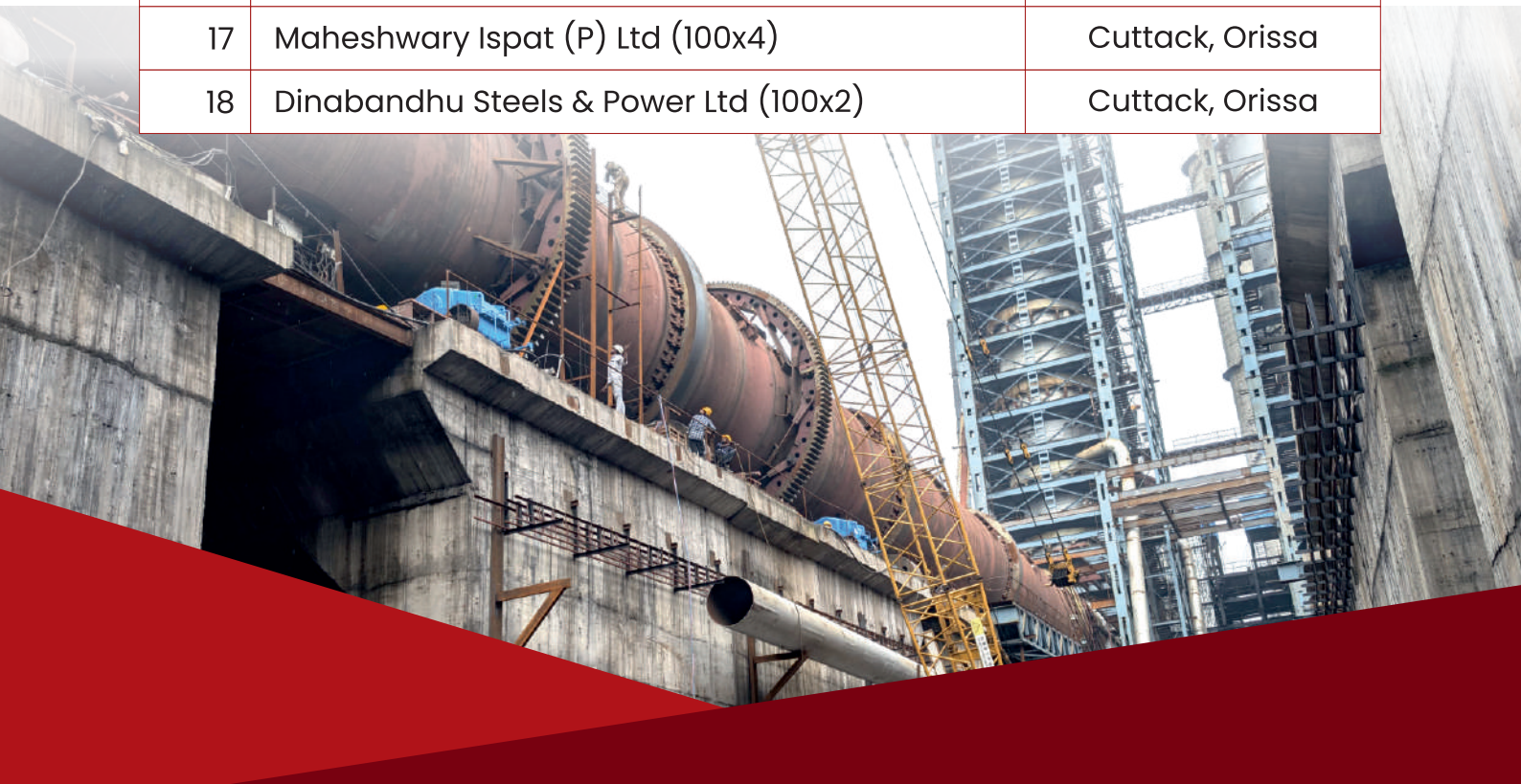
Lloyds Steels Industries Ltd.

Orissa Alloy Steel (P) limited

COMPLETED DRI PROJECTS

FABRICATION, ERECTION & COMMISSIONING

Sl. No.	Sponge Iron Projects	Location
1	Orissa Metallurgical Industry (P) Ltd (900 TPD)	Kharagpur, W.B.
2	Shyam Steel Works (P) Ltd (650 TPD)	Purulia, W. B.
3	Giridhan Metal Private Limited (500 TPD)	Jamuria, W.B.
4	Orissa Metallurgical Industry (P) Ltd (650 TPD)	Kharagpur, W.B.
5	Tata Sponge Iron Ltd (500 TPD)	Joda, Orissa
6	Ramsarup Lohh Udyog Ltd (500 TPD)	Kharagpur, W.B.
7	Aarti Steel Ltd (500 TPD)	Cuttack, Orissa
8	Orissa Sponge & Power Ltd (350 TPD)	Keonjhar, Orissa
9	Nixon Steel & Power Ltd (350 TPD)	Rourkela, Orissa
10	Bindal Sponge & Power Ltd (350 TPD)	Talcher, Orissa
11	Rana Sponge (P) Ltd (350 TPD)	Dhenkanal, Orissa
12	Scaw Industries (P) Ltd (350 TPD)	Dhenkanal, Orissa
13	Maithan Ispat Ltd (350 TPD)	Jajpur, Orissa
14	Pattnaik Steel & Alloys (P) Ltd (350 TPD)	Keonjhar, Orissa
15	Goa Sponge & Power Ltd (350 TPD)	Sanverdom, Orissa
16	Sradha Ispat (P) Ltd (100x2)	Sanverdom, Orissa
17	Maheshwary Ispat (P) Ltd (100x4)	Cuttack, Orissa
18	Dinabandhu Steels & Power Ltd (100x2)	Cuttack, Orissa





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