

SIDDHI

FERROUS PVT LTD

The Ductile Iron Foundry



THE PHILOSOPHY

SIDDHI **FERROUS PVT LTD** The Ductile Iron Foundry



We at **Siddhi Ferrous** believe in continual Endeavour to upgrade our strengths and strategize for the future. With a perfectionist approach towards every single job we do,

We review our performance regularly, take corrective actions if needed and toughen our processes for flawless execution. Our team of qualified and experienced domain experts is one of our biggest strengths. Our people are our assets and each one of us enjoys working together and striving for startling results.



We are an organization with a socially responsible character. Our initiatives of empowering under privileged social strata signify the same. With an environment friendly viewpoint, we take special care of natural resources. With landmark achievements to our credit,

We are focused to build tomorrow's India by creating ferrous castings of Herculean strength...



THE BACKGROUND

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Siddhi Ferrous is one of the fastest growing companies of the giant business conglomerate, Gita Group. The parent company has a diversified spectrum of sectors like Infrastructure, Real Estate, Retail and Concrete Elements. Siddhi Ferrous has not only inherited the core values from the group but has determinedly established its brand name in major markets of India.

Maharashtra, Gujarat, Uttarakhand, Dadra & Nagar Haveli, Madhya Pradesh and Haryana.

THE PROFILE

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Gita Group is well-known across industry as one of the largest manufacturers of sleepers for Indian Railways. Pursuing the long term vision of identifying opportunities, the group adapted an approach of backward integration and started manufacturing SGCI castings. What incepted as Siddhi Ferrous with 500 mt melting capacity and has now grown to 4000 mt with an advanced technology of 02 Nos of Disamatic Vertical high pressure Moulding Line with a Semi-auto Pour.

We at **Siddhi Ferrous** are engaged in mass production of ferrous castings as well as in specialized production of stringent specification stipulated by the clients. The company is mainly into manufacturing of moulds, chemical combinations and exclusively made casting items. Our castings are largely used in:

Locomotive, Automotive, Manhole Covers & Frames, Allied Engineering .

HISTORY & HERITAGE

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“A journey of a thousand miles begins with a single step.” This Statement precisely explains the humble beginnings of the Gita Group and its journey to where we proudly stand today.

Pioneer of the Group, Late Shree Bhagwandas Tapadiya took the Gita Group from traditional Dal and Oil Mills to Concrete industry, Infrastructure Projects & Prestressing Technology.



With his vision and initiative, he led Gita Group to undertake prestigious infrastructure projects of Jawaharlal Nehru Port Trust in collaboration with Mitsui and Co. of Japan. Another jewel in the Crown was the invention of “Maintenance Free” railway sleepers for the Indian Railways.

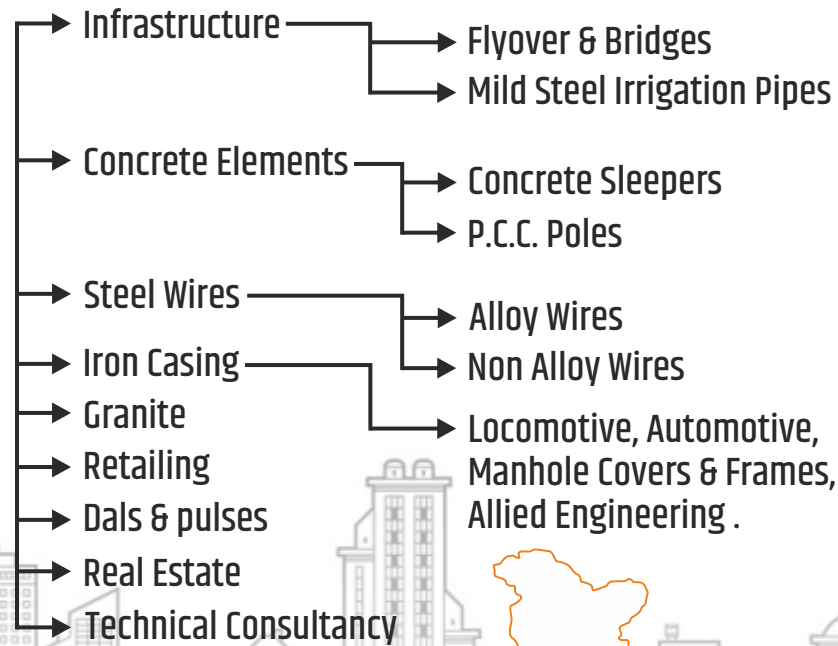
Today, we have further diversified into Power Projects, non Commercial Energy, Technical Consultancy, Wire Drawing, Turnkey Infrastructure Projects, Cotton Industry, **CI & SGCI** Casting, Warehousing and Organized Retail. All our team-mates are committed towards growth and diversification. By a tactful combination of traditional business values and professional management, we aim at scaling new heights in time to come.

BUSINESS & LOCATION

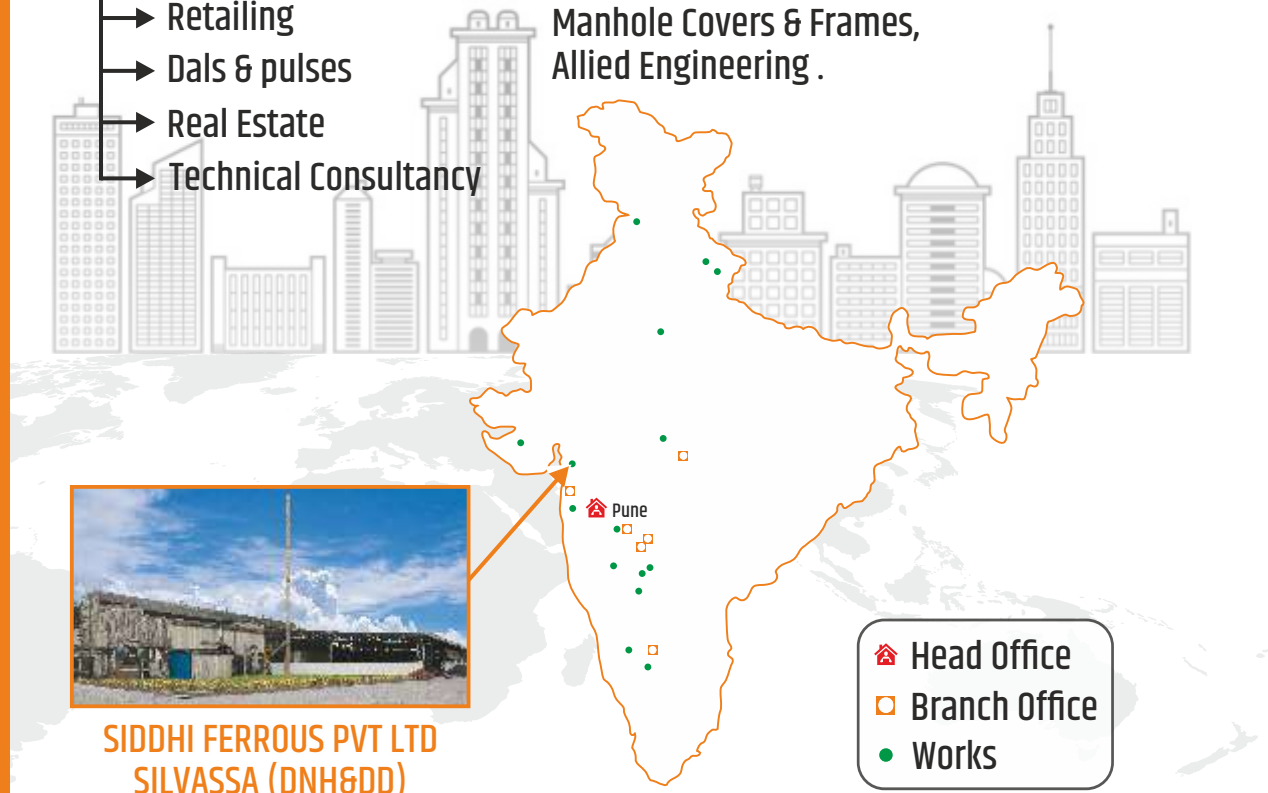
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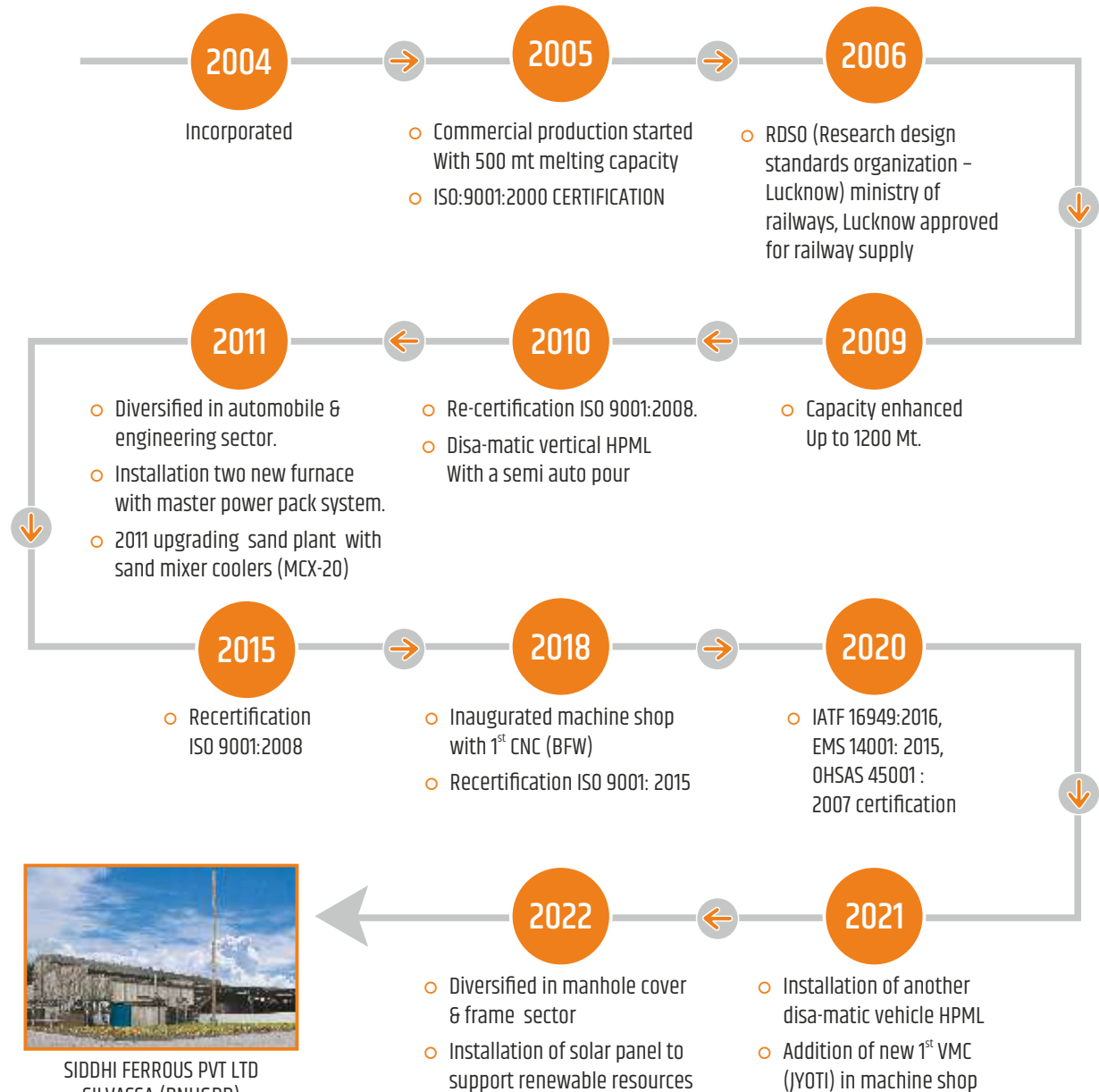


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SILVASSA (DNH&DD)



FOOT - PRINT

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OUR PRESTIGIOUS CLIENTS

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PRODUCT MANUFACTURING

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COMPETITIVE
EDGE

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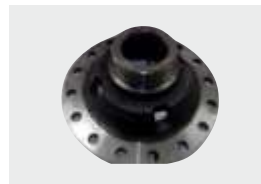


Good track record of making ductile iron manufacture -
All grades 400/15, 450/12, 500/7, 600/3, 700/2,
Manufacturers of Safety & Critical Components

SUSPENSION BRACKETS



TRANSMISSION & ENGINE PART



BRAKE & AXLE PART



LOCOMOTIVE PART



COMPETITIVE
EDGE

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Experts In Making Bracket Casting

SUSPENSION BRACKETS



ENGINE MOUNTING BRACKETS



AC COMPRESSOR MOUNTING BRACKETS



MISCELLANEOUS BRACKETS



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GITA GROUP

BRACKETS



PLANT & MACHINERY

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OUR VALUABLE CUSTOMERS



MELTING

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Melting Infrastructure

Machine	No	Capacity	Make
Furnace 750 kw (02 Nos)	3	1000 kg	Inductotherm
Furnace 1000 kw (02 Nos)	4	1500 kg	Inductotherm
CE Meter	2		Suyesh/V-Smart

Facility

- (1) Melting Shop with Master Power Pack control
- (2) Present Melting capacity 5 Mt. Per Hour @ 1540*c



FINAL FINISHING & MACHINING

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SHOT BLASTING MACHINE

Capacity: 300kg/Batch
2000 tons cartage monthly

Serial of bench of Grinder & Other
pneumatics finishing equipment for
2000 tons/monthly

NEW PRODUCT DEVELOPMENT

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LAYOUT

Facility for pattern marking, Repairing, Casting section cutting, layout inspection

All the documentation done as per Require by ISO / TS like APQP / PPAP / PFMEA / SPC / MSA / CP / PFD / CSR

Pattern Manufacturing by outsources at dedicated Tool room having all modern facility

QUALITY CONTROL & ASSURANCE

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METALLURGICAL TESTING

1. Microstructure Analyzer Software using camera attached to the Microscope.
2. Brinell Hardness Tester.
3. Universal Testing Machine.

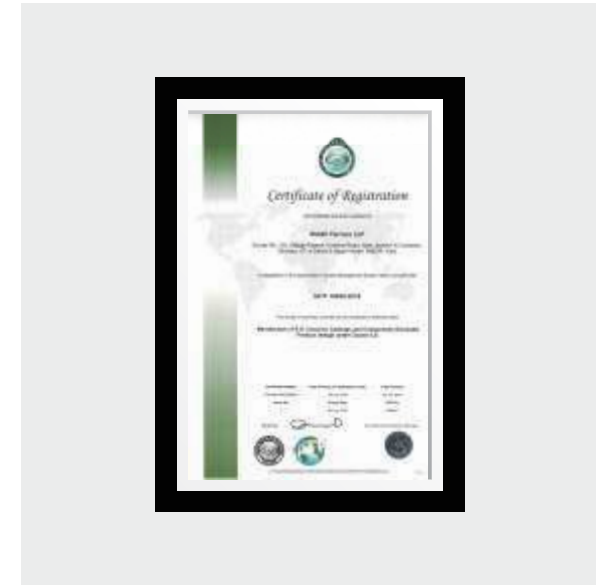
CHEMICAL TESTING

1. Spectrometer (Met Vision).
2. C.E apparatus.
3. Carbon Sulphur analyzer & Other relevant wet analysis facilities.

All the Measurement System Calibration done by NABL Certified Laboratory.

CERTIFICATION

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CONTACT

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QUALITY CONTROL SYSTEM

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SAND TESTING

1. Sieve Shaker.
2. Universal Sand Testing Machine.
3. Mould Hardness Tester.
4. Permeability Meter.
5. Moisture Tester.

DIMENSION INSPECTION

1. Surface Finish Tester.
2. Slip Gauge.
3. Conventional facilities for measurement.
4. Inspection through CMM - outsourced.

All the Measurement System Calibration done by NABL Certified Laboratory

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