



**GROWING
STRONG.
EVOLVING
BETTER.**

STARLIGHT ISPAT PRIVATE LIMITED

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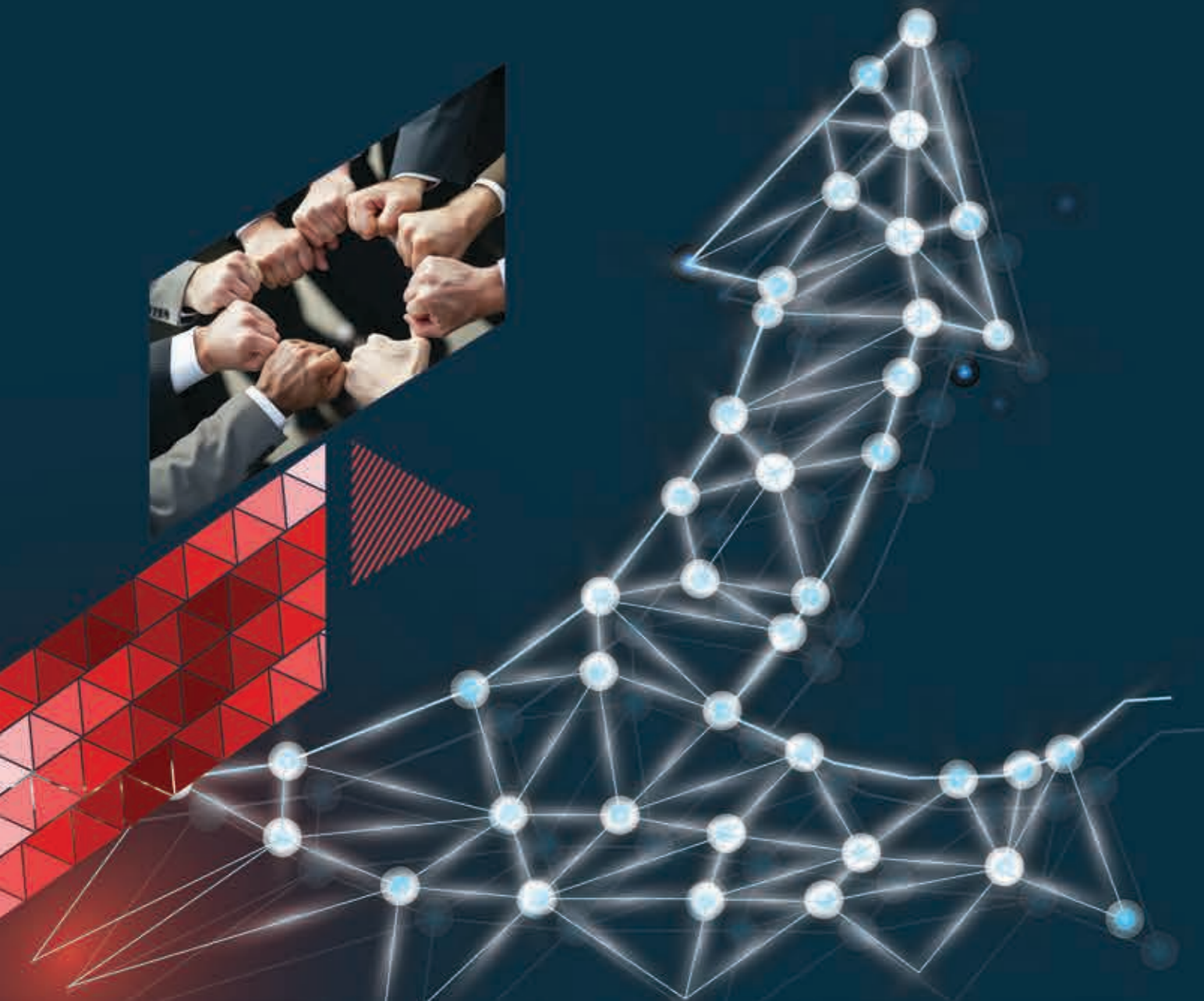
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THE COMPANY

Starlight Ispat Pvt. Ltd. is a leading trading house dealing in various Low Carbon and High Carbon Ferro Alloys and MS Steel Products. We source our products from the best manufacturers of the country and act as a vital link between them and consumers across the globe. This has helped us to emerge as one of the prominent suppliers in this domain. Our excellent relations with our supply source, proven service support to our clientele and strict adherence to quality and contractual obligations have also helped us in expanding our business. We are a Government of India recognized Export House.



PRODUCTS

Iron & Steel

Sponge Iron

Pig Iron

Steel Scrap

M.S. Billets

TMT Bars

M.S. Wire Rod

Ferro Alloys

Ferro Silico Manganese

Ferro Manganese

Ferro Silicon

Ferro Chrome

Fluorspar

GLOBAL REACH



Europe

Germany, Italy, Spain, Luxemburg, Slovenia, Netherlands, etc.

Asia

Indonesia, South Korea, Malaysia, Taiwan, Thailand, Vietnam, Myanmar, Bangladesh, Nepal, Sri Lanka, Bhutan, etc.

Americas

USA, Argentina, Brazil, Colombia, El Salvador, Mexico, etc.

MENA Region

Egypt, Kuwait, Iran, Iraq, Kenya, Qatar, Saudi Arabia, Turkey, Ghana, Ethiopia, Jordan, etc.

QUALITY

We are an ISO 9001:2008 certified company. All our materials are backed by quality certificates from independent inspection agencies. All our products are meticulously tested to confirm chemical and metallurgical properties including hardness.



OUR MANTRA IS
QUALITY=SUCCESS



IRON ORE

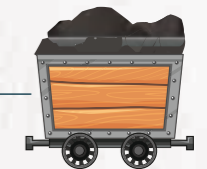
SOURCING

We source Iron Ore fines of all grades with 50%-64% Fe as per buyer's requirement and availability at the mine heads.

We source iron ore fines from the premier Orissa mines. Surendra Nath Mohanty (SNM), Orissa Mining Corporation (OMC), Geetarani Mohanty, Arcelor Mittal India Pvt Ltd (AMNS) mines to name a few.

We have a good tie up with the reputed transporters for logistics, rake loading and fast movement of the cargo.

0-10mm	Iron Ore fines
10-40mm	Crushed/Screened
5-18mm	Crushed/Screened



EXPORT

We have exported over **2 million mt Iron Ore fines** in last 2-3 years from Orissa through Dhamra/Gopalpur ports.

We export Iron Ore fines with grade upto **57.99%** (below 58%) since the Government of India levies a higher export duty tariff on the material with grade higher than 58%.

We have shipped various Bulk vessels including Baby Cape, Supramax and Panamax. Our list of vessels include **MV PONT ROUGE, MV XING JI XING, MV SPRING RAINBOW** to name a few.

Our prime destination for Iron Ore fines is **China**.





PIG IRON

Grade	Carbon (C%)	Silicon (Si%)	Phosphorus (P%)	Sulphur (S%)	Manganese (Mn%)
Foundry Grade	3.80-4.20	2.0-2.5	Max 0.150	Max 0.060	Max 1.00
Foundry Grade	3.80-4.20	1.5-2.0	MM 0.150	Max 0.060	Max 1.00
Basic Iron	3.80-4.20	Under 1.2S	Max 0.120	Max 0.060	Max 1.00

M.S.WIRE ROD

Grade	1018	1010
C% Max	0.15 - 0.20	0.08 - 0.13
Mn% Max	0.60 - 0.90	0.30 - 0.60
P% Max	0.04	0.04
S% Max	0.05	0.04



SPONGE IRON

Sponge Iron is a metallic product produced through direct reduction of iron ore in the solid state. It is a substitute for scrap and is mainly used in making steel through the secondary route. The process of sponge iron making aims to remove the oxygen from iron ore.

Specifications	Standard
Metallization	88-90%
Fe (T)	90%
Fe (M)	79-80%
s	0.04% Max.
p	0.05% Max.
c	0.15% Max.
Char (non-magnetic)	2.00%
Size	03-20mm ± 10%



STEEL SCRAP

1. SHREDDED SCRAP AS PER Origin - USA, UK, EUROPE
2. HMS1 & 2 - 90:10 & 80:20
Origin - SOUTH AFRICA, UK, EUROPE, AUSTRALIA, USA AND MIDDLE EASE.



M.S. BILLETS

Billet, being a semi-finished product, is used for feedstock to rolling mills for production of long products like wire rods, bars/rods and structural. Steel Billet is also used extensively in forge shops and machine shops for production of engineering goods and also as feedstock for seamless tubes.

Size: 100 mm x 100 mm, 125 mm x 125 mm, 150 mm x 150 mm

Length: 6000 mm, 9000mm, 12000mm

Grade	Manganese (Mn%)	Silicon (Si%)	Carbon (C%)	Phosphorus (P%)	Sulphur (S%)
Commercial	0.60 Min	0.15 Min	0.15 Min	0.07 Max	0.06 Max
Grade 40	0.70 - 0.90	0.23 - 0.27	0.20 - 0.35	0.05 Max	0.05 Max
Grade 60	1.20 - 1.40	0.25 - 0.35	0.30 - 0.36	0.05 MAX	0.05 Max

TMT BARS

TMT stands for Thermo Mechanically Treated. The TMT bars have a hard outer surface and a softer core. Their manufacturing process includes hot rolled steel wires passed through water. This makes the surface hard and keeps the core warmer and softer.

Grade	Fe 415	Fe 500	Fe 500D
C% Max	0.30	0.30	0.250
P% Max	0.06	0.055	0.040
S% Max	0.06	0.055	0.040
CE/SP Max	0.110	0.105	0.075



FERRO ALLOYS

Ferroalloy refers to various alloys of iron with a high proportion of one or more other elements such as manganese, aluminium, or silicon. They are used in the production of steels and alloys. The alloy impart distinctive qualities to steel and cast iron or serve important functions during production and are, therefore, closely associated with the iron and steel industry, the leading consumer of ferroalloys.



FERRO SILICON

Ferro Silicon Lumps is used as a De-Oxidizer during manufacturing of Steel. Ferro Silicon is used to accelerate graphitisation. It is also used in production of Grey Iron Casting.

Si	70-72%	75% Min
Al	1.25% Max	1.25% Max
C	0.15% Max	0.15% Max
S	0.04% Max	0.04% Max
P	0.04% Max	0.04% Max

Indian and Bhutan Origin. Bhutan Origin material has zero import duty in EU/USA/JAPAN/KOREA and some others.



FERRO SILICO MANGANESE

Silica Manganese adds additional silicon which is a stronger deoxidizer and which also helps to improve some mechanical properties of steel. It is lumpy material with a silvery metallic surface. Main producers of Silica Manganese are In India and China.

High Carbon			
Mn	50% Min	60% Min	65% Min
Si	12% Min	14%Min	16% Min
C	3.5%Max	2.5%Max	2% Max
P	0.35%Max	0.35%Max	0.25%Max
S	0.03%Max	0.03%Max	0.025%Max

Medium Carbon		Low Carbon	
Mn	55% Min	Mn	55% Min
Si	21% Min	Si	21% Min
C	1% Max	C	0.5% Max
P	0.3% Max	P	0.3% Max
S	0.03% Max	S	0.03% Max



FERRO MANGANESE

Ferro Manganese is produced in Electric Arc Furnace and the main raw material for the same is Manganese Ore. Ferro manganese is used in producing steel for being an excellent deoxidizer and desulfurizer.

HC Ferro Manganese

Mn	65-70% Min	70-75% Min	75%-78%
C	6% to 8% Max	6% to 8% Max	7% Max
Si	1.50% Max	1.50% Max	1.20 Max
P	0.30% Max	0.30% Max	0.25% Max
S	0.03% Max	0.03% Max	0.03% Max

MC Ferro Manganese

Mn	75%	78%
C	1.5% Max	1.5% Max
Si	1.5% Max	1.5% Max
P	0.20% Max	0.20% Max
S	0.02% Max	0.02% Max

LC Ferro Manganese

Mn	75% Min
Si	1.5% Max
C	0.5 % Max
P	0.2% Max
S	0.02% Max



FERRO CHROME

Ferro Chrome (FeCr) is an alloy of chromium and iron containing 50% to 70% chromium by weight. Ferro Chrome is produced by electric arc carbothermic reduction of chromite. Most of the world's ferro chrome is produced in South Africa, Kazakhstan and India, which have large domestic chromite resources.

HC Ferro Chrome LC Ferro Chrome

	HC Ferro Chrome		LC Ferro Chrome	(C:0.5% Max)	(C:0.3% Max)
Cr	60% Min		Low Carbon (C:0.10% Max)		
C	6-8%	Cr	60% Min/65% Min	60% Min/65% Min	60% Min/65% Min
Si	3.0% Max	C	0.10% Max	0.05% Max	0.03% Max
P	0.05% Max	Si	1.0% Max	1.0% Max	1.0% Max
S	0.05% Max	S	0.03% Max	0.03% Max	0.03% Max
		P	0.03% Max	0.03% Max	0.03% Max
		Fe	Balance	Balance	Balance
		Size	10 X 100 mm (90% Min)	10 X 100 mm (90% Min)	10 X 100 mm (90% Min)

FLUORSPAR

Fluorspar Lump

Item	Grade	CaF2	SiO2	S	P
Fluorspar Lump	F-L97	≥ 97%	2.5%	0.05%	0.05%
Fluorspar Lump	F-L95	≥ 95%	4.5%	0.05%	0.05%

Fluorspar Lump

Item	Grade	CaF2	SiO2	S	P	H2O
Fluorspar Lump	F-P97.5%	≥ 97.5%	2%	0.05%	0.05%	0.05%
Fluorspar Lump	F-P97%	≥ 97%	2.5%	0.05%	0.05%	0.05%
Fluorspar Lump	F-P95%	≥ 95%	4.5%	0.05%	0.05%	0.05%

Size: 100 mesh, 200 mesh or customized.

OUR BUSINESS ASSOCIATES

Our business associates are the foundation of our success, driving us to consistently deliver excellence and innovation. We deeply value their trust and strive to exceed expectations through our dedicated service and commitment.

