



www.shyammetals.com

SEL™

WIRE ROD

THE
FOUNDATION
OF
FUTURE



BROCHURE



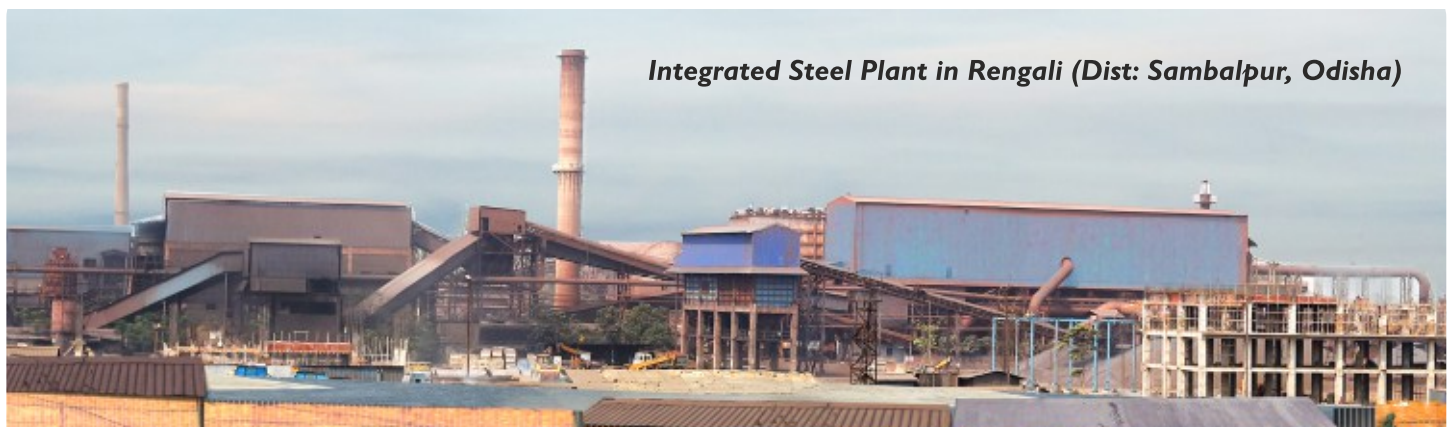
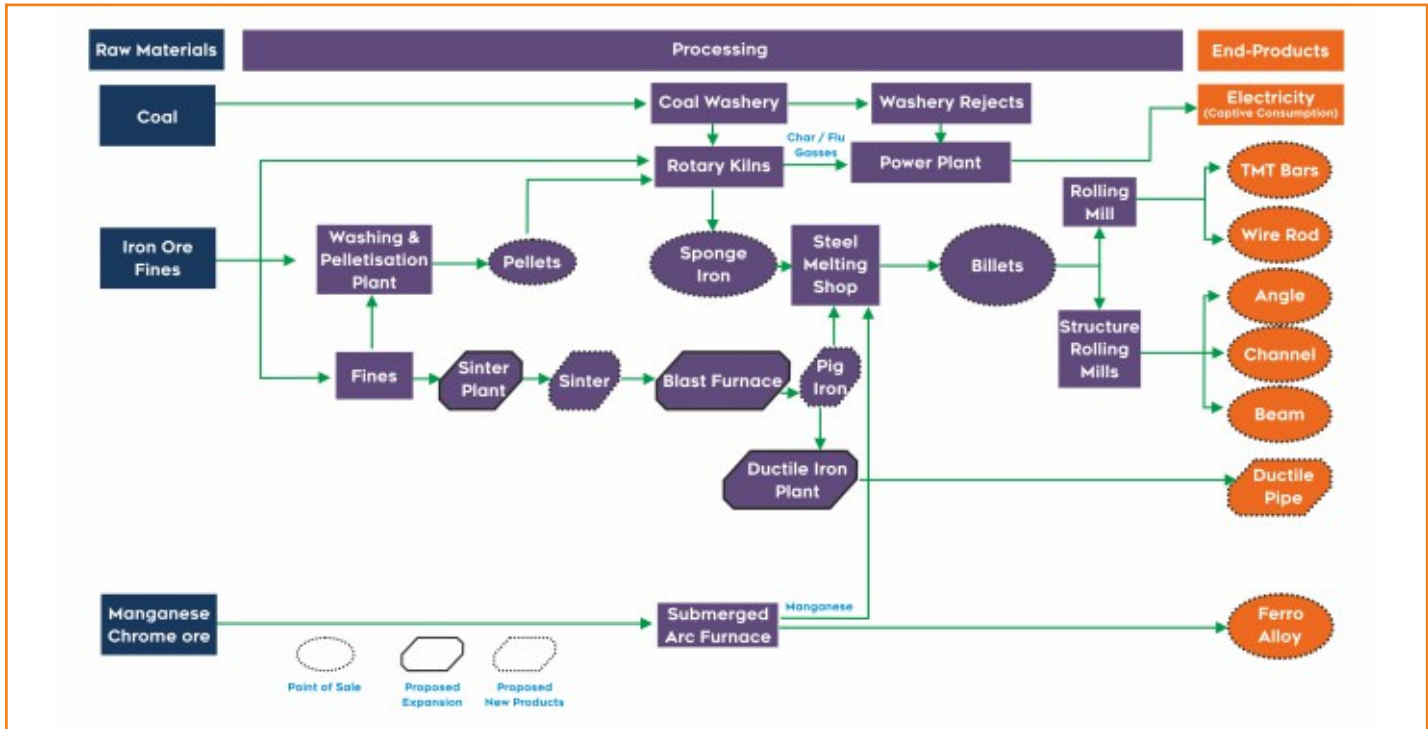
NABL Approved Lab

SMEL are a leading integrated metal producing company based in India (Source: CRISIL Report) with a focus on long steel products and ferro alloys. SMEL are amongst the largest producers of ferro alloys in terms of installed capacity in India, as of February 2021 (Source: CRISIL Report).

TMT, structural products (angles, channels and beams), wire rods are used for the construction of buildings, transmission towers, industrial sheds, structures, road, dam and in other various infrastructures.

We sell TMT, structural products angles, channels and beams), wire rods and pipes, a finished product, primarily in the states of West Bengal, Odisha, Bihar, Jharkhand, Tripura, Sikkim, Assam, Arunachal Pradesh, Manipur, Meghalaya, Uttrakhand, Uttar Pradesh, Punjab and Haryana.

Primary Process of **SEL™ WIRE ROD**





SELTM

WIRE RODS

These Products are used for various applications including Binding wire, G.I. wire, Barbed wire for fencing, Armored sealed wire for heavy electrical cables, Nut bolts, Nails, screws, Alpin, Wire ropes, Wire mesh etc.

Specification of Wire Rod

5.5 Wire dimensions specification as per IS 7887:1992 deviation from size allowable +/- 0.4 MM and allowable ovality 0.6MM.

As per IS 2062:2012 YS (Minimum) 250 N/MM² and UTS (Minimum) 410 N/MM².

Elongation : 23%

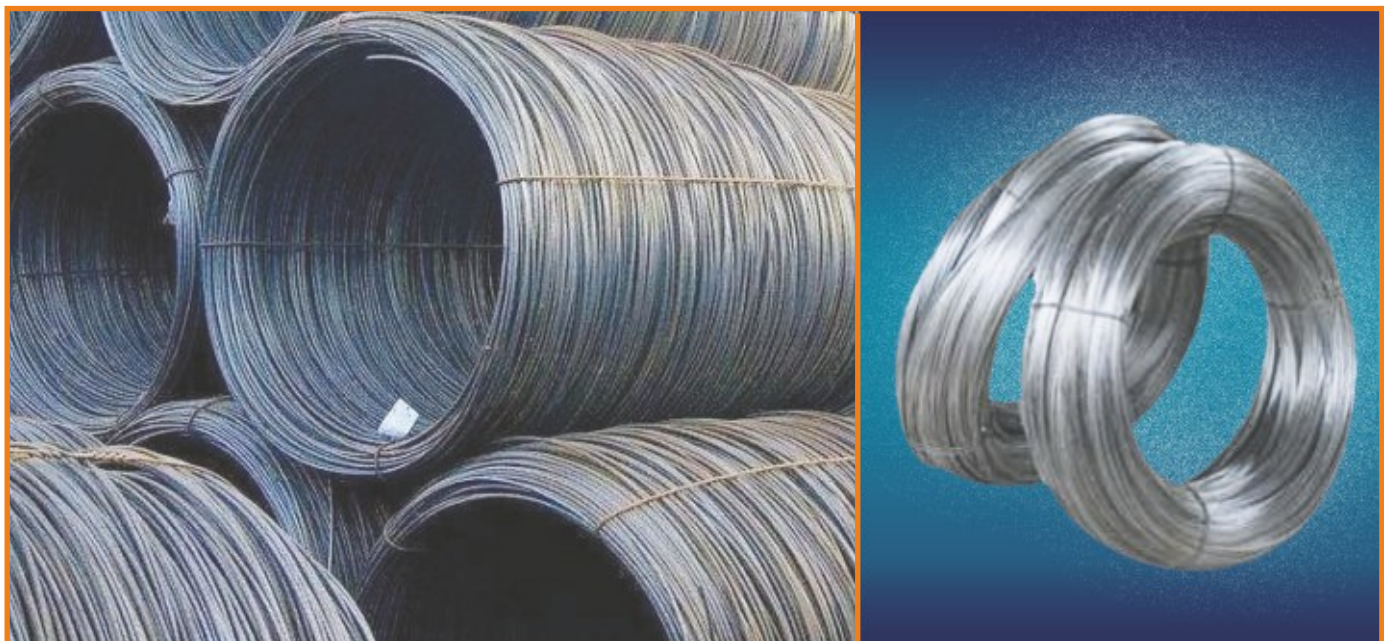
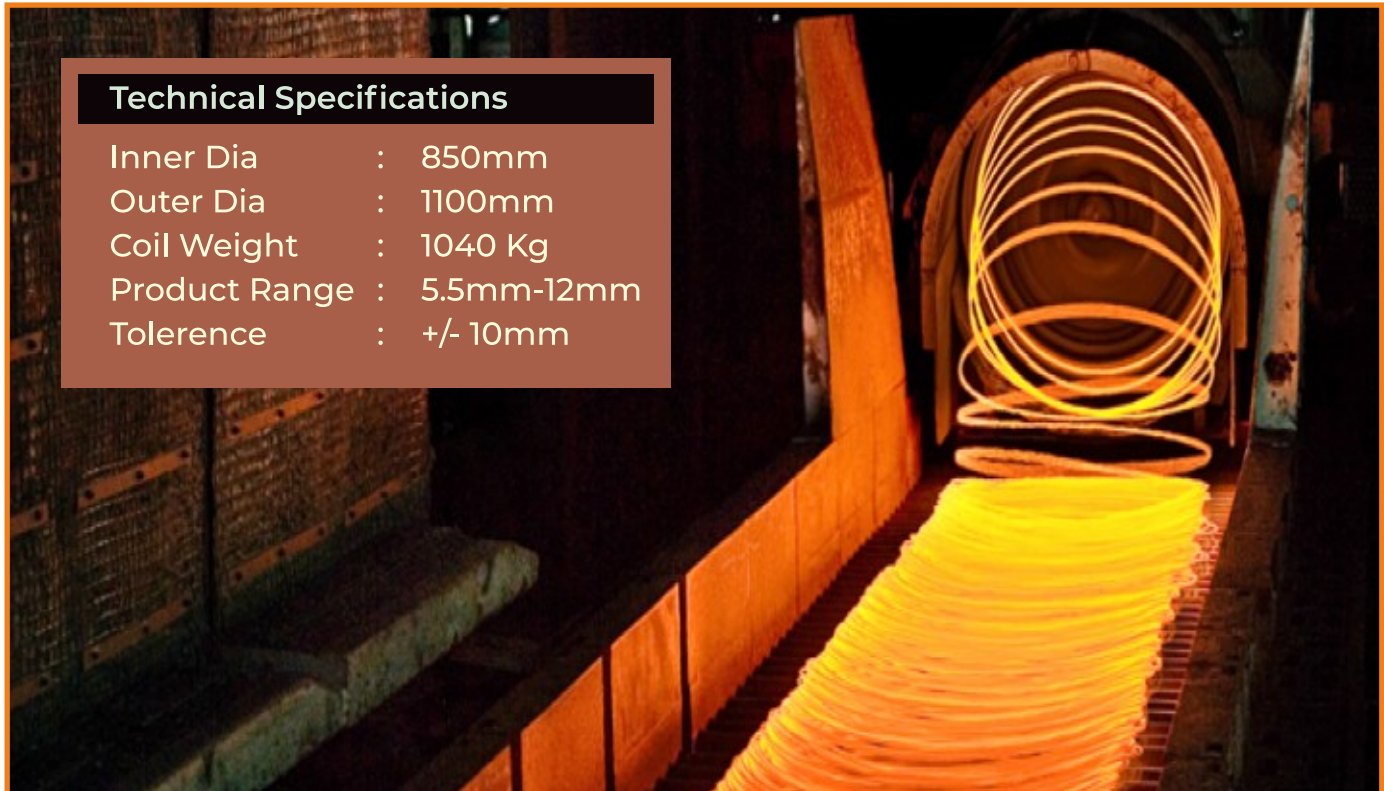
Coil weight: 1050 kg/1.050Mt (Bundle of single coil)

Steel Wire Rod: SWR14, 5.5 mm Diameter Chemistry as under(%):

C (Carbon)	:	0.10 (MAX)
Mn (Manganese)	:	0.70 (MAX)
P (Phosphorus)	:	0.50 (MAX)
S (Sulfur)	:	0.50 (MAX)
Si (Silicon)	:	0.90 (MAX)

Towards forward integration of the processes, company has set up Wire Rod manufacturing & Wire Drawing facilities (HB Wire) at Rengali Dist: Sambalpur for manufacturing high quality Wire Rod of sizes 5.5 mm, 7 mm, 8 mm & 10 mm and HB wire of sizes 6 Gauge to 14 Gauge with best available technology and plant & machinery support.

Since the raw material i.e. Power, Sponge, Pellet, Ferro, Steel Billets /Blooms is manufactured in-house at our plant, the company is able to produce high quality Wire Rod & H.B. Wire in an efficient & cost effective manner.





POWER

We currently operate three manufacturing plants that are located at Sambalpur in Odisha, and Jamuria and Mangalpur in West Bengal. As of December 31, 2020, the aggregate installed metal capacity of our manufacturing plants was 5.71 million tonne per annum (“MTPA”) (comprising of intermediate and final products). Our manufacturing plants also include captive power plants with an aggregate installed capacity of 227 MW, as of December 31, 2020. We are also in the process of increasing the capacities of our existing manufacturing plants and captive power plants, which is expected to increase our aggregate installed metal capacity (comprising of intermediate and final products) from 5.71 MTPA, as of December 31, 2020, to 11.60 MTPA and captive power plants aggregate installed capacity from 227 MW, as of December 31, 2020, to 357 MW. These proposed expansions are expected to become operational between Fiscal 2022 and Fiscal 2025.

Integrated Operations



**SHYAMTM
METALICS**
ORE TO METAL



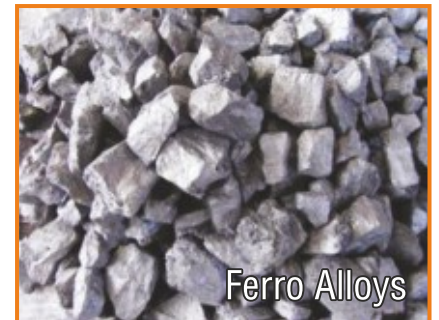
Iron Ore



Pellets



Sponge Iron



Ferro Alloys



TMT RE-BAR

 an **INTEGRATED**
steel plant product



Billet



Structurals



Wire Rods

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SEL™

TMT RE-BAR

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Our Plants:

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Rengali (Dist.: Sambalpur, Odisha)

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OUR GROUP CLIENTS:

