



SRJ STRIPS & PIPES PVT. LTD.

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CORPORATE OFFICES:

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CHHATRAPATI SAMBHAJI NAGAR:

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Station Road, Chh. Sambhaji Nagar - 431005.

550D TMT BARS HR COILS & PIPES



FIRST PRECISION
HR COIL MILL

*Images are for representation purpose only

srjsteel.com

STRENGTH THAT STOOD THE TEST OF TIME



Incorporation
of SRJ Steels

Became an integral part
of Jalna's employment
generation story by
engaging 1200 families
from across the nation

Became the first to
adopt revolutionary
Thermex Technology

Entered the FMCG
domain with one of
India's largest bakery
product manufacturing
unit

Adopted stringent
sustainability initiatives
to cut down carbon
emissions across
operations

Initiated the
setup of a precision
HR coil mill

1971

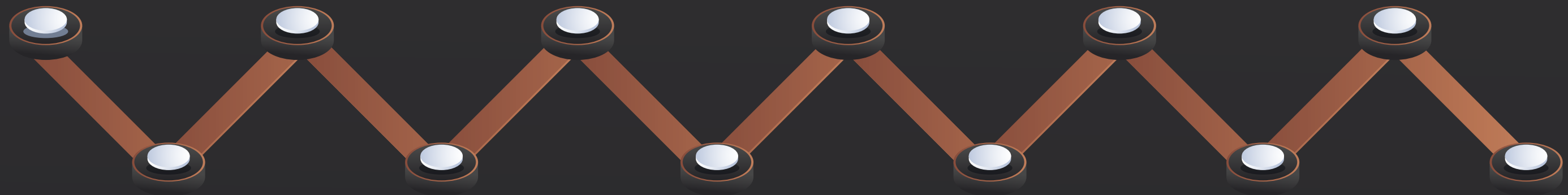
1998

2007

2017

2021

2023



1976

Commenced
manufacturing of
TMT Bars while
establishing
leadership in the
state of Maharashtra

2005-06

Integrated the plant with
an in-house raw material
facility for manufacturing
DRI Sponge Iron

2011

Commissioned
the first Cut 'n'
Bent TMT Bar
plant in the
country

2020

Established a network
of 1500+ retailers and
2000+ engineers and
contractors

2022

Emerged as a
leading name in
TMT bar production
among recycled steel
manufacturers

2024

Launched SRJ
Precision HR Coil
and ERW Pipes

THE SRJ LEGACY

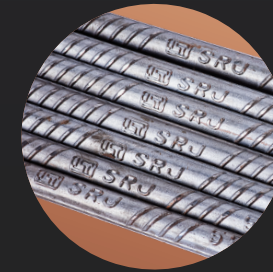
Established in 1971, SRJ Peety Group has been the pioneer in the TMT bars sector in Jalna. Under the leadership of our founder, Late Shri. Shantilalji Peety, we began our mission of 'Making India Stronger.' To reinforce our mission, we are expanding our presence through SRJ Precision HR Coils and Pipes. Equipped with machinery sourced from global industry leaders, we offer technologically advanced products that support the manufacturing process across multiple industries to drive our nation's progress and shape a stronger India.

VISION

To lead India towards strength and sustainability by leveraging five decades of steel manufacturing expertise. Through innovation, environmental stewardship and strategic partnerships, we aim to fortify the nation's infrastructure while contributing to its environmental resilience, shaping a brighter, greener future for all.

MISSION

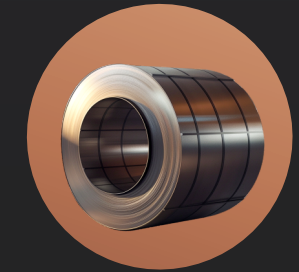
To lead the way in shaping the future of steel manufacturing through integrity, resilience and a relentless pursuit of excellence. We don't just build structures, we build bridges to prosperity, forging a brighter tomorrow for generations to come.



TMT Bars



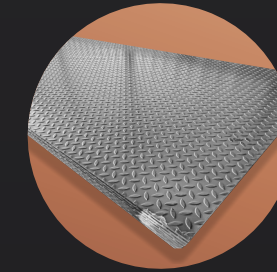
Cut 'n' Bent TMT Bars



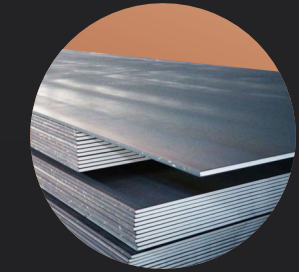
Precision HR Coil



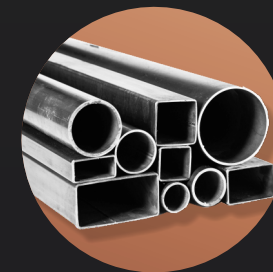
Cut to Length
Sheets



MS Chequered Plates



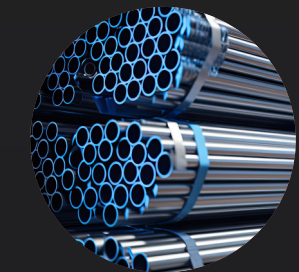
MS Plates



MS ERW Pipes



GP Pipes



GI Pipes



CDW Pipes

INSIDE SRJ's WORLD OF STEEL

CUSTOM SOLUTION PROVIDER

SRJ aims to provide accurate dimensions of precision HR Coil to eliminate further processing based on the application. This in turn will help the consumers increase their productivity and eliminate costs.



1.5X YOUR PRODUCTIVITY USING OUR PRECISION

FIRST PRECISION HR COIL MILL

Utilising excellent manufacturing equipment and advanced technology, supported by the rich experience and never-ceasing endeavour of development, SRJ Peety Steels manufactures a wide range of Hot Rolled Coils. A mill with all the salient features of Industry 4.0, along with advanced features like thickness gauge, width gauge, an X-ray machine for pinhole testing and mathematical model-based Laminar Cooling instils the confidence of consistency and quality of the product.



FEATURES OF HR COIL MILL

CCM of Primetals Technology

Lechler Descaling Technology

Laminar Cooling Technology

Level 2 Automation of Baowu Group

Down Coiler

Coil Weight 4MT

SERVICE CENTRE:



CUT TO LENGTH SHEET MACHINE

Thickness: Up to 12mm

Capacity: 10,000 mt/month

HR COIL SLITTER

Thickness: Up to 12mm

Capacity: 10,000 mt/month



HR PACKAGING

- **Strapping:** Steel/plastic straps for secure binding.
- **Base:** Wooden/steel pallets for stability.
- **Rust Prevention:** Coated with anti-corrosion oils.
- **Labels:** Product details for identification.

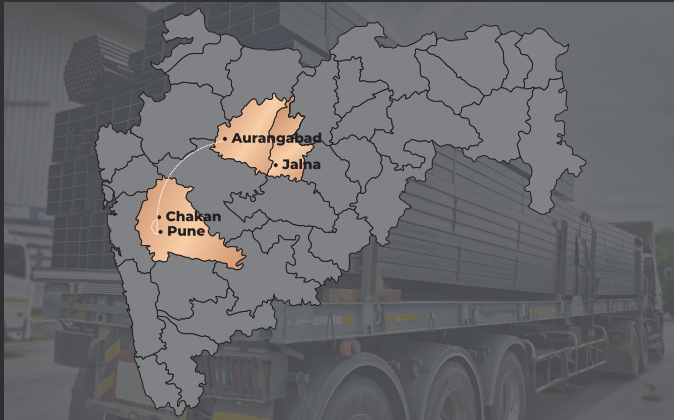


FROM SOURCE TO STRENGTH

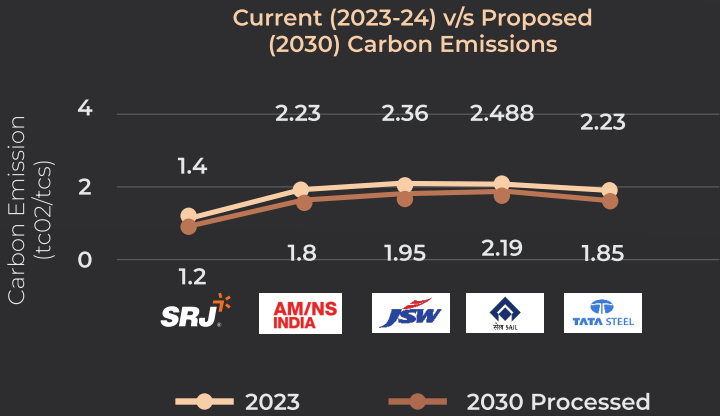
Raw materials used in crafting excellence

Driven by the automobile sector

Our strategic location near major automobile manufacturing hubs in Aurangabad, Chakan and Pune, provides streamlined access to high-quality scrap material. It brings down our transportation costs and environmental impact.



Cutting down emissions



Stringent raw material segregation

By meticulously categorising raw materials, we maintain consistency, eliminate impurities and enhance the overall quality of our products.



OUR PRODUCTS

A black and white photograph of several large rolls of steel coils stacked in a warehouse. The coils are arranged in a row, with the foreground roll being the most prominent. The background shows the industrial structure of the warehouse with pillars and lights.

PRECISION HR COIL

SRJ Peety Steels manufactures a wide range of Hot Rolled Sheets and Coils following the standards of the Bureau of Indian Standards (BIS) and other countries. Our HR Coil is used for various applications such as automobiles, electrical appliances, construction materials, containers and steel pipes.

Grade: E160 - E450

Thickness Range: 1.2 mm to 12 mm

Thickness Tolerance: 50 microns

Width: 500 mm

Width Tolerance: <1mm

ID: 500 - 600

HR SLIT COIL

Manufacturing top-tier Hot Rolled Slit Coils in various sizes, tailored to meet our customers' unique requirements. Our precision coils employ cutting-edge technology, ensuring exceptional durability and performance.

Grade: E160 - E450

Thickness Range: 1.2 mm to 12 mm

Thickness Tolerance: 50 microns

Width: Up to 500 mm

Width Tolerance: <1mm

ID: 500 - 600



MS PLATE

SRJ MS Plates have excellent properties, characteristics and applications making them highly preferred in several industries. Mild steel plate is ideal for construction, manufacturing and engineering purposes.

Grade: E160 - E450

Thickness Range: 8 mm to 60 mm

Thickness Tolerance: 50 microns

Width: Up to 500 mm

Width Tolerance: <1mm

MS CHEQUERED PLATE

SRJ Chequered Plates are lightweight metal plates with good anti-slipping and decorative features. One side of a chequered plate is raised with regular diamonds or lines and the other side is plain. Widely used across various industries, chequered plates are prized for their distinctive attributes and unmatched aesthetic appearance.

Grade: E160 - E450

Thickness Range: 2 mm to 12 mm

Thickness Tolerance: 50 microns

Width: Up to 500 mm

Width Tolerance: <1mm

ERW PIPE

Electric Resistance Welded Steel Tubes and Pipes are indispensable in diverse sectors, particularly construction and infrastructure. Manufactured from our own HR Coils, these robust products are formed by welding the edges longitudinally through an electric resistance process, ensuring a seamless bond. Due to our capability of manufacturing HR Coil, we are well positioned to supply any other range of thickness and size as per requirement.

YST: Up to 335 MPa

Thickness Range: 1.2 mm - 7 mm

Thickness Tolerance: 50 microns

Dimensional Tolerance: <1%

Size: 0.5" - 7"

IS Codes: IS4923, IS3601

GP PIPE

GP pipes are crafted from premium steel and undergo a galvanization process that applies a protective zinc coating to resist corrosion. This makes them durable, long-lasting and well-suited for structural applications across construction, infrastructure and agriculture. Known for cost-effectiveness and compliance with industry standards, GP pipes offer versatility in building frames, support structures, fencing and handrails. Their ease of installation and compatibility with various joining methods make them a trusted choice across industries.

Thickness Range: 1 mm - 2 mm

Thickness Tolerance: 50 microns

Dimensional Tolerance: <1%

Size: 0.5" - 3"

IS Codes: IS4923, IS3601, IS1161, IS1239

GSM: 80 - 280

GI PIPE

Galvanized Iron (GI) Pipes are made from mild steel strips shaped into circular pipes and welded using high-frequency electric current. They are sized for accuracy, cut to desired lengths, and tested for leaks. The pipes are then galvanized and varnished as needed. GI Pipes are lightweight, cost-effective, and commonly used for water distribution in rural and urban areas.

Thickness Range: 2 mm - 7 mm

Thickness Tolerance: 50 microns

Dimensional Tolerance: <1%

Size: 0.5" - 7"

IS Codes: IS1239

GSM: 250 and above

TECHNICAL SPECIFICATIONS

HOT ROLLED COILS

IS 10748:2004

CHEMICAL PROPERTIES

Constituent, Percent, Max (%)					
Gr	C	M	S	P	CE Max
1	0.100	0.500	0.040	0.040	-
2	0.120	0.600	0.040	0.040	-
3	0.160	1.200	0.040	0.040	-
4	0.200	1.300	0.040	0.040	0.450
5	0.250	1.300	0.040	0.040	0.450

MECHANICAL PROPERTIES

Gr	Tensile Strength, Min. Mpa	Yield Stress, Min. Mpa	Percentage Elongation, Minimum at Gauge Length 5.65 √s	Internal Diameter of Bend
1	290	170	30	t
2	330	210	28	2t
3	410	240	25	2t
4	430	275	20	3t
5	490	310	15	3t

SALIENT FEATURES

Marking: Coil Unique identification

Size of Coil: Width x Thickness

Grade of Material

Packing: Mill Standard/export worthy/as required

IS 15914:2011

CHEMICAL PROPERTIES

Constituent, Percent, Max							
		Carbon	Manganese	Silicon	Sulphur	Phosphorus	Aluminium
Sr No.	Grade	Max	Min	Max	Max	Max	Min
1	2	3	4	5	6	7	8
i)	HS 235	0.16	0.30	0.25	0.025	0.025	0.015
ii)	HS 265	0.18	0.40	0.30	0.025	0.025	0.015
iii)	HS 295	0.19	0.50	0.35	0.025	0.025	0.015
iv)	HS 345	0.20	0.70	0.45	0.025	0.025	0.015

MECHANICAL PROPERTIES

Grade	Tensile Strength, Mpa, Min.	Yield Stress, Mpa, Min.	Percentage Elongation at Gauge Length 5.65 √s, Min.	Reference Heat Treatment Austenitizing Temperature
HS 235	360-460	235	25	920-960
HS 265	410-510	265	22	890-930
HS 295	450-560	295	20	890-931
HS 245	490-610	345	18	880-920

SL. No.	Constituent	Permissible Variations Over the Maximum & Under the Minimum Specified limits % (Max)
1	Carbon	0.02
2	Manganese	0.03
3	Silicon	0.03
4	Sulphur	0.005
5	Phosphorus	0.005

Note: Aluminium content shall not be less than 0.015 percent

IS 2062 GR I TO V

CHEMICAL PROPERTIES

Constituent, Percent, Max (%)							
Grade Designation	Quality	C	Mn	S	P	Si	CE Max
E 250	A	0	2	0	0.045	0.400	0.420
	BR	0	2	0	0.045	0.400	0.410
	BO						
E 275	C	0	2	0	0.040	0.400	0.390
	A	0	2	0	0.040	0.400	0.430
	BR	0	2	0	0.045	0.400	0.420
E 300	BO						
	C	0	2	0	0.040	0.400	0.410
E 350	A	0	2	0	0.045	0.500	0.440
	BR						
	BO	0	2	0	0.040	0.500	0.440
E 410	C						
	A	0	2	0	0.045	0.500	0.470
	BR						
E 410	BO	0	2	0	0.045	0.500	0.500
	C						
	A	0	2	0	0.040	0.500	0.500

MECHANICAL PROPERTIES

Grade Designation	Quality	Tensile Strength Min. Mpa	Y.S. Min. Mpa			% Elongation, Min at Guage Length, L=5.65	Internal Diameter of Brand		Internal Diameter of Brand	
			<20	20-40	>40		<=25	>25	Temp °C	Min J
E 250	A	410	250	240	230	23	2t	3t	-	-
	BR								RT	27
	BO								0	27
E 275	C	430	275	265	255	22	2t	3t	(-) 20	27
	A								-	-
	BR								RT	27
E 300	BO	440	300	290	280	22	2t	-	0	27
	C								(-) 20	27
	A								-	-
E 350	BR	490	350	330	320	22	2t	-	RT	27
	BO								0	27
	C								(-) 20	27
E 410	A	540	410	390	380	20	2t	-	-	-
	BR								RT	25
	BO								0	25
E 410	C								(-) 20	25
	A								-	-
	BR								RT	25
	BO								0	25
	C								(-) 20	25

INTERNATIONAL STANDARDS

EN-100025-1
ASTM A-572
JIS G3101
EN-10048

IS 15914:2011

CHEMICAL PROPERTIES

	Carbon	Manganese	Silicon	Sulphur	Phosphorus	Aluminium
Grade	Max	Min	Max	Max	Max	Min
1	0.16	0.30	0.25	0.025	0.025	0.020

MECHANICAL PROPERTIES

Tensile Strength MPa	Yield Stress MPa	Percentage Elongation at Gauge Length $5.65 \sqrt{S}$	Internal Diameter of Bend
	Min	Min	Mix
350 - 450	240	25	<i>t</i>

NOTE - Where 't' is the thickness of test piece.

TESTING FACILITY

PARAMETER	EQUIPMENT
Chemical composition	Optical Emission Spectrometer Oxygen, Hydrogen and Nitrogen Analyzer
Internal cleanliness	Macro Etching and S Printing
Tensile properties	Computerized UTM 10T/25T/30T/60T/120T
Hardness	Vickers/Rockwell Hardness Tester
Impact energy	Impact testing m/c – (BSEN 450J/ASTM600J)
Bend test	Bending and folding m/c – 100T
Cupping value	Hydraulic Erichsen Cupping Tester
Drop weight tear test	DWTT m/c – 30,000J
Microstructure	Metallurgical Microscope with Image Analyzer

APPROVALS & CERTIFICATIONS

