

BS SHAKTI STEEL PVT. LTD.



BS SHAKTI STEEL PVT. LTD.

**Strength You Can Trust —
Solutions That Last**

COMPANY PROFILE



 www.bsshaktisteel.com

 sales@bsshaktisteel.com

About US

B.S. Shakti Steel Pvt. Ltd., established in 2011, is a quality-driven manufacturer specializing in **Stainless Steel Wires And Bright Bars**. Originally founded as a backward integration initiative for its parent company, Suzu Steel India, we quickly identified immense market potential and have since evolved into a trusted supplier in both domestic and international markets.

Our manufacturing facility is strategically located in Rohtak, Haryana, India. Our in-house machinery ensures consistent quality, tight tolerance & reliable delivery of bulk volume orders.

Infrastructure & Machines Include

- Continuous Straight Line Wire Drawing Machines (with in-line cleaning)
- Wet Drawing Machines
- Strand Annealing Furnaces
- Bright Annealing Setups
- Solution Annealing and General Annealing Furnaces
- Fully-equipped In-house Testing Laboratories

We are an **ISO 9001:2015 certified organization, certified by TÜV SÜD South Asia**, and remain committed to delivering excellence in manufacturing, product quality, and customer service.

Our Vision

To become a globally respected name in stainless steel wire manufacturing by upholding innovation, integrity, and reliability.

Our Mission

To deliver precision-engineered stainless steel wire and bar products that meet global quality benchmarks and power industries around the world.



✓ Outstanding
Quality



✓ Unmatched
Infrastructure



✓ Dedicated
Workforce



✓ On Time
Delivery

Our Infrastructure

Parameter	Details
Total Area	1,50,000 sq ft
Location	Rohtak, Haryana
Employees	250+ Employees
Certification	ISO 9001:2015 (TÜV SÜD) & BIS Certification
Current Capacity	1,200 MT/Month
Planned Expansion By 2026	2,000 MT/Month
Market Share	50% Domestic, 50% Export



Current
Capacity :
1,200 MT/month

Planned
Expansion
by 2027 :
2,000 MT/month

Market Share :
50% Domestic
50% Export

Chairman's Message

Brij Bhushan Bansal Chairman Emeritus

At B.S. Shakti Steel, our journey began with simple vision — to build a brand that stands for quality, precision, and integrity in the stainless steel industry. From a backward integration initiative to a trusted name in both domestic and international markets, our growth is a testament to the unwavering commitment of our people and the trust of our clients.

Each wire we draw and every bar we polish is a reflection of our dedication to engineering excellence. We believe in constant innovation, investment in advanced technology, and most importantly, in creating lasting value for our customers.

As we continue to expand our global footprint, our focus remains rooted in building strong relationships, maintaining uncompromising quality standards, and contributing meaningfully to the industries we serve.

Strength isn't just in steel.
It's in the values that forge it.

BS SHAKTI STEEL

Leadership Team

Sushil Bansal

Director – Operations & Technology

The operational backbone of the company, Mr. Sushil Bansal is the driving force behind manufacturing efficiency and technological advancement. With a deep understanding of production processes and plant management, he ensures that the company's infrastructure stays at the forefront of modern steelmaking. His hands-on leadership guarantees consistent quality and process innovation.

Ritesh Bansal

Director – Finance & Commercial Strategy

With a sharp focus on financial prudence and commercial scalability, Mr. Ritesh Bansal oversees the company's fiscal health and strategic expansion. His keen understanding of market dynamics, international trade, and sustainable growth practices positions B.S. Shakti Steel for long-term resilience and profitability. He also plays a key role in client relations and contract negotiations across global markets.

Sahil Bansal

Director-Innovation & Market Expansion

A new-age thinker and the youngest member of the leadership, Mr. Sahil Bansal brings fresh energy, global perspectives, and a passion for innovation. With a forward-looking vision, he leads initiatives in product diversification, brand building, and new market development – ensuring the company remains relevant and competitive in a rapidly evolving industrial landscape.

Why Global Buyers Choose BS Shakti Steel

BS Shakti Steel Pvt. Ltd. is a trusted Indian manufacturer and exporter of Stainless Steel Wires, Wire Rods and Round Bars, supplying consistent quality material to domestic and international markets.



**14+ Years
Manufacturing
Experience**

Our Strengths

ISO 9001:2015
certified
manufacturing
facility

Wide range
of Stainless
Steel Wire
& Round Bar

In-house
quality
testing &
process
control

Mill Test
Certificates
(EN 10204 3.1)
with every
shipment

Export-Ready
packing
(Euro Coil /
DIN Spools)

Competitive
pricing
with reliable
delivery
schedules

Consistent
quality
across
batches

Flexible
MOQ starting
from 1 MT

Custom
grades,
sizes &
packaging

On-Time
delivery
commitment

From trial orders to bulk supplies,
we focus on reliability, quality,
and long-term partnerships



BS Shakti Steel

Product Portfolio

Stainless Steel Wires | Wire Rods | Round Bars



Wire Rods



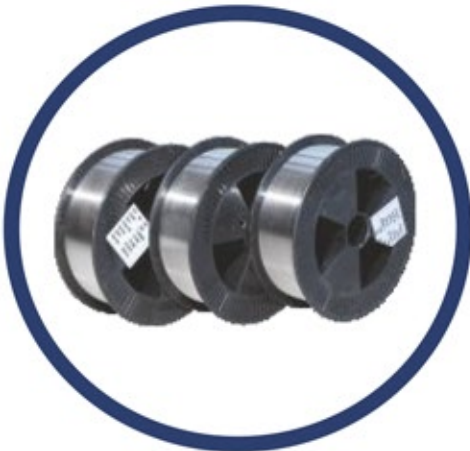
Stainless Steel Wire



Stainless Steel Wire



Stainless Steel Wire



MIG Wire



Round Bars



Durable



Low
Lifecycle
Cost



Superior
Corrosion
Resistance



Sustainable
Choice

Product Range

Stainless Steel Wire

Parameter	Details
Size Range	0.08 mm to 16.00 mm
Grades	AISI 200 Series :201, 202, 204Cu AISI 300 Series :302, 304, 304L, 304Cu2, 304Cu3, 316, 316L, 321, 309L AISI 400 Series: 410, 430, 430L
Electrode Grades	ER 304, ER 304L, ER 307 Si, ER 308L, ER 308 Lsi, ER 316, ER 316 Lsi, ER 309, ER 430 etc.
Types	• MIG & TIG Welding Wires, • Cold Heading Wires, • Spring Wires, • Nail Wires, • Braiding & Conveyor Belt Wires, • Fine, Medium, and Thick General Purpose Wires, • Electro polish wire, Rope wire, • Tie wire, Staple Pin wire, • Conveyor Belt wire.
Finishes	• Bright • Bright Drawn • Soap Coated • EPQ • Matt Finish
Tempers	Soft, 1/8 Hard, ¼ Hard (Suitable for Electro polish Quality), ½ Hard, ¾ Hard, Full Hard with coated and de-coated condition.
Standards	ASTM / EN (DIN) / JIS / NACE / AWS / GOST etc. as per customer requirement.



Product Range

Stainless Steel Wire Rods (Rounded)

Parameter	Details
Grades	303, 304, 304L, 307Si, 308Lsi, 316Lsi, 302Chq, 204Cu, 304Cu, 316, 316L, 410, 416, 420, 430F, 430L
Size Range	5.5 mm to 16 mm
Tolerance	As per EN 10060
Coil Weight	1000–1500 kg
Packing	HDPE Wrapped Coils
Heat Treatment	Solution Annealing (Austenitic Grades), Normal Annealing (Martensitic Grades)
Surface Treatment	Hot Rolled, Hot Rolled Annealed and Pickled, Hot Rolled Pickled (with or without coating)

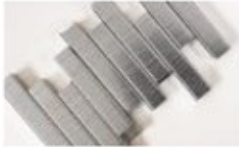
Stainless Steel Bright Bars

Parameter	Details
Size Range	5.50 mm to 32 mm
Supply Condition	Cold Drawn, Centreless Ground, Peeled & Polished; Rough Peeled or Smooth Turned
Surface Finish	Ra 0.5 µm to 1.5 µm; Straightness from 0.5 mm/m to 1 mm/m
Heat Treatment	Soft Annealing, Solution Annealing, Normalizing, Hardening & Tempering, Oil & Water Quenching
Bars End Finish	HDPE Wrapped Coils
Specifications	ASTM, EN, UNS, DIN
Grades	201, 202, 301, 302, 303, 304, 304L, 309, 310, 316, 316L, 316Ti, 321, 347, 430
Tolerance	h8, h9, h11, k11, k12, k13; DIN 1013, En10060

Every wire we draw carries the weight of
our promise – Quality Without Compromise



Applications

Industry Segment	Application	Wire Type	Size Range	Product
Fasteners & Fixings	Screws, bolts, nuts, rivets	Cold Heading Wire, Nail Wire	1.5 mm to 16.0 mm	
Kitchenware	Wire Basket Scrubbers, Racks	Medium/Thick Wire, Fine Wire	0.09 mm to 16.0 mm	
Welding Industry	MIG/TIG Electrodes	MIG Wire, TIG Wire, Core Wire	MIG: 0.8–1.6 mm, TIG: 1–4 mm, Core: 2–5 mm	
Automotive & Hardware	Springs, Rings, Handles, Clips	Spring Wire, Redraw Wire	0.10 mm to 12.0 mm	
Wire Rope & Braiding	Rope strands, hose braiding	Rope Wire, Braiding Wire	0.10 mm to 4.0 mm	
Mesh & Construction	Wire mesh, fencing, weaving	Medium/Thick Wire, Tie Wire (Soft/Bright Drawn)	0.7 mm to 16.0 mm	
Shot Blasting	Cut wire shots for surface finishing	Redraw Wire, Cold Heading Wire	0.70 mm to 5.0 mm	
Staple & Fastening Industry	Staple pins, fastening materials	Staple Pin Wire, Nickel Coated Spring Wire	0.80 mm to 1.6 mm	
Industrial Equipment Manufacturing	Flexible Hose, Branding	Fine Wire (Soft/Hard)	0.10 mm to 1.50 mm	

Quality & Certifications

ISO 9001:2015 Certified by TÜV SÜD

Certificate No: 99 100 22363 Scope:

Manufacture of Stainless Steel Wires &
Bright Bars

- **First Certified: July 2013**
- **BIS certificate – IS 6528**

Our in-house testing lab includes:

- UTM Machines Rockwell Hardness Tester
- Metallurgical Microscope Image
- Analyser Spectrometer Metallography
- Preparation Setup

CBAM & Sustainability

BS Shakti Steel Pvt. Ltd. understands the requirements of the Carbon Border Adjustment Mechanism (CBAM) applicable to steel products imported throughout the world.

We are committed to supporting our customers by providing relevant production, material, and energy-related information required for CBAM reporting, in accordance with applicable regulations.

Our manufacturing processes follow controlled production practices, with a focus on:

- Efficient use of raw materials
- Controlled energy consumption
- Sustainable renewable energy
- Batch-wise production traceability

We continuously work towards improving energy efficiency and reducing environmental impact across our operations.

Commitment to Our Customers

- Transparent production practices
- EN 10204 3.1 Mill Test Certificates with full traceability
- Cooperation for CBAM reporting requirements
- Long-term compliance-focused export partnerships

CBAM-related production and emission data available for customers upon request.



LICENCE DETAILS	
Name of Manufacturer	BS SHAKTI STEEL PRIVATE LIMITED
Address of Manufacturer (if mentioned on Product or Packing)	5TH K.M. MILESTONE, SAMPALA, BERI ROAD, SAMPALA, ROHTAK
District	ROHTAK
State	HARYANA
Name of Product	Stainless Steel wire-Specification (Second Revision)
IS No.:	IS 6528:2024
Valid Till:	4-May-2026
Varieties Covered:	Stainless Steel wire Designation-X04Cr19Ni9 (304), X02Cr19Ni10 (304L), X04Cr17Ni12Mo2 (316) and X02Cr17Ni12Mo2 (316L), Roundwires of Diameters from 0.35mm to up to and including 15.49mm, condition of supply-+ At (Solution Annealed).

BIS certificate -IS 6528

BIS certificate-IS 6528
This document is a Bureau of Indian Standards (BIS) Certification for B.S. Shakti Steel Pvt. Ltd., specifically for Stainless Steel Wire under IS 6528:1995 standard.

CERTIFICATE	
The Certification Body of TÜV SÜD South Asia Private Limited certifies that B.S. Shakti Steel Pvt. Ltd. 5 KM stone, Sampala Steel Road, District-Rohtak, Haryana -124 001, India has implemented Quality Management System in accordance with ISO 9001:2015 for the scope of Manufacture of Stainless steel Wire & bright bars The certificate is valid from 2025-07-08 until 2029-07-07 Subject to successful completion of annual periodic audit The present status of this certification is shown through TÜV SÜD certificate number below QR code Validity for certificate number full not operative until page further clarifications regarding the status of company ISO certification for details of conditions for certificate visit www.tuv-sud.com Certificate Registration No. 05 908 22383 Date of initial certification: 2013-07-08 Issue Date: 2025-07-07 Rev. 01	
Signature Head of Certification Body at TÜV SÜD South Asia Private Limited Rohtak Member of TÜV SÜD Group QR Code Logos TÜV SÜD, ISO 9001, IAF	

ISO 9001:2015

ISO 9001:2015
This is an international standard for Quality Management Systems

CERTIFICATIONS



R & D Department

We have our own research and development

Development where we strive for further improvements. we also have our own in-house furnace facility. We also have own physical and chemical testing facilities all over production is thoroughly tested as per specification or the order and we only subject to our quality approval

MANUFACTURING EQUIPMENT

Our manufacturing process follows a seamless flow — starting from wire drawing and annealing to precision spooling, coiling, or bar finishing — all executed with advanced equipment and controlled environments.



Wire Drawing Machine

Reduces the cross-sectional area of stainless steel wire by drawing it through a series of dies, enhancing mechanical properties and ensuring precise dimensions.



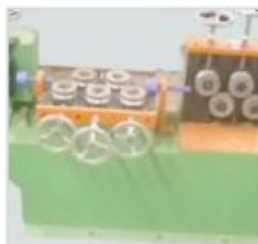
Multi-Block Wire Drawing Machine

A series of capstans that progressively reduce wire diameter in multiple stages, while maintaining uniform tensile strength.



Heavy Duty Wire Drawing Line

Engineered for thicker stainless steel wires, this line ensures precise dimensional control and excellent surface finish during continuous production.



Pre-straightening and Wire Feeding Unit

Straightens wire rods and feeds them accurately into the drawing line, improving alignment and consistency in bright bar production.



Bright Annealing Furnace

A heat-treatment line operating under a controlled atmosphere to relieve stress and deliver a bright, oxide-free surface finish.

We transform raw materials into high-performance stainless steel wires and bars through a controlled process of drawing, annealing, and surface finishing —ensuring strength, consistency, and form.



Wire Spooling and Take-up Machine

Smoothly rewinds fine and medium wires onto reels after drawing or annealing, ensuring organized output for further use.



Wire Rewinding Machine

Prepares smaller coils or bobbins by rewinding drawn wire, optimizing handling and process flow efficiency.



Wire Coiling Machine

Heavy-duty machine designed for coiling drawn wires onto carriers or drums, ensuring safe storage and streamlined handling.



Euro Coil Packing Machine

A specialized piece of equipment used to coil, wrap, and pack stainless steel wire in the Euro Coil format, a standardized packing style widely accepted in the European market.



Solution Annealing and Pickling Furnace

The Solution Annealing and Pickling Furnace for stainless steel wire rod is a critical part of the production process that ensures the mechanical properties, corrosion resistance, and surface finish of the wire meet industrial standards.

MANUFACTURING EQUIPMENT

TESTING & QUALITY CONTROL EQUIPMENT



Metallurgical Microscope with Image Analyzer

Used for detailed microstructural examination of wire samples. It helps evaluate grain structure, phase distribution, and overall internal quality to ensure material consistency.



Universal Testing Machine (UTM)

Performs mechanical tests such as tensile strength, yield point, and elongation. This ensures the wire or bar meets the required engineering standards and mechanical specifications.



Double Disc Polishing Machine

Prepares metallographic samples by polishing them to a mirror finish. This is essential for accurate microscopic inspection and defect detection.



Spectrometer (SPECTRO M01)

A highly precise instrument for analyzing the chemical composition of stainless steel. It ensures alloy elements are within defined limits as per international standards (ASTM, EN, UNS).



Upset Test Machine

Used to test the ductility and cold forming properties of wire by compressing a wire sample until it deforms or fractures. This test simulates real-world forming operations and ensures the material's reliability in fastener and bolt manufacturing applications.



Wire Packaging and Bundling Station

Final packaging zone where drawn wires are carefully bundled, wrapped, and prepared for dispatch as per client specifications.



Wire Coils – HDPE Poly Wrapping

Finished wire coils are securely wrapped in protective HDPE film to preserve surface finish and prevent contamination.

- Coil Weight : Continuous coil packing (50 – 800 kg)
- Options : With or without metal carrier
- Packing Style : Core-packed with pallet, cheese-wound, or Euro coil formats



Spool Packing for Fine Wires (Soft and Hard)

Fine wires are precision-wound onto a variety of spools to meet customer requirements.

- Available Spool Sizes: DIN 80, DIN 100, DIN 160, DIN 200, DIN 250, DIN 355, DIN 560 (Wooden/Metal), DIN 760 (Wooden/Metal)



Welding Wire Packing

- Drum Packing / Bulk Packing for wire in diameter 0.80 mm – 1.60 mm
- TIG Wire: Packed in 5 kg (10 lbs) plastic tubes
- MIG Wire : Precision layer wound on
 - Plastic Spools (D-300)
 - Metal Spools (BS/K 300) in 12.5 kg and 15 kg capacities



Wire Coil Storage (Shrink Wrapped)

Final wire coils are shrink-wrapped for secure storage, ensuring protection during internal handling, transportation, and long-term warehousing.

Chemical Composition

Austenitic	W.nr	UNI	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	N	Other
201 1.5CU			<0.150	7.50-10.0	<1.00	<0.030	<0.060	14.00-16.00	>0.50		>1.50	0.10-0.25	
202	1.4373	X12CrMnNiN18-9-5	<0.150	7.50-10.50	<1.00	<0.030	<0.060	17.00-19.00	4.00-6.00			0.05-0.25	
204Cu	1.4597	X8CrMnCuN17-8-3	<0.100	6.50-9.00	<2.00	<0.030	<0.060	15.0-18.00	1.50-3.00	<1.00	2.00-3.50	0.10-0.30	
301	1.4310	X10CrNi18-8	0.050-0.150	6.50-9.00	<2.00	<2.00	<0.015	<0.045	16.00-19.00	6.00-9.50	<0.80	<0.10	
302			<0.150	<2.00	<1.00	<0.030	<0.045	17.00-19.00	8.00-10.00			<0.10	
302CHQ			<0.030	<2.00	<1.00	<0.030	<0.045	17.00-19.00	8.50-10.50		3.00-4.00	<0.10	
303	1.4305	X8CrNiS18-9	<0.100	<2.00	<1.00	0.150-0.350	<0.045	17.00-19.00	8.00-10.00		>1.00	<0.10	
304	1.4301	X5CrNi18-10	<0.070	<2.00	<1.00	<0.030	<0.045	17.50-19.50	8.00-10.50			<0.10	
304H	1.4948	X6CrNi18-10	0.040-0.080	<2.00	<1.00	<0.015	<0.035	17.00-19.00	8.00-11.00			<0.10	
304L	1.4307	X2CrNi19-11	<0.030	<2.00	<1.00	<0.030	<0.045	17.50-19.50	8.00-10.50			<0.10	
304LCu			<0.030	<2.00	<1.00	<0.030	<0.045	17.50-19.50	8.00-10.50		>1.00	<0.10	
304Cu2			<0.045	<2.00	<1.00	<0.030	<0.045	17.50-19.50	8.00-10.50		2.00-3.00	<0.10	
304Cu3	1.4567	X3CrNiCu18-9-4	<0.040	<2.00	<1.00	<0.030	<0.045	17.00-19.00	8.50-10.50		3.00-4.00	<0.10	
305	1.4303	X4CrNi18-12	<0.06	<2.00		<0.030	<0.045	17.00-19.00	11.00-13.00			<0.10	
310S	1.4845	X6CrNi25-20	<0.080	<2.00	<1.50	<0.030	<0.045	24.00-26.00	19.00-22.00				
314	1.4841		<0.250	<2.00	1.50-3.00	<0.030	<0.045	23.00-26.00	19.00-22.00				
316	1.4401	X5CrNiMo17-12-2	<0.070	<2.00	<1.00	<0.030	<0.045	16.50-18.50	10.00-13.00	2.00-2.50		<0.10	
316L	1.4404	X2CrNiMo17-12-2	<0.030	<2.00	<1.00	<0.030	<0.045	16.50-18.50	10.00-13.00	2.00-2.50		<0.10	
316Ti	1.4571	X6CrNiMoTi17-12-2	<0.080	<2.00	<1.00	<0.030	<0.045	16.50-18.50	10.50-13.50	2.00-3.00		<0.10	Ti: 5x(C+N) -0.70
321	1.4541	X6CrNiTi18-10	<0.080	<2.00	<1.00	<0.030	<0.045	17.00-19.00	9.00-12.00				Ti: 5x(C+N) -0.70
904L	1.4539	X1NiCrMoCu25-20-5	<0.020	<2.00	<0.70	<0.010	<0.030	19.00-21.00	24.00-26.00	4.00-5.00	1.20-2.00	<0.15	
410	1.4006	X12Cr13	0.080-0.150	<1.50	<1.00	<0.030	<0.040	11.50-13.50	<0.75				
420	1.4021	X20Cr13	0.160-0.250	<1.50	<1.00	<0.030	<0.040	12.00-14.00					
410L	1.4003	X2CrNi12	<0.030	<1.50	<1.00	<0.030	<0.040	10.50-12.50	0.30-1.00			<0.030	
430	1.4016	X6Cr17	<0.080	<1.00	<1.00	<0.030	<0.040	16.00-18.00					
430L			<0.030	<1.00	<1.00	<0.030	<0.040	16.00-18.00					
434	1.4113	X6CrMo17-1	<0.080	<1.00	<1.00	<0.030	<0.040	16.00-18.00		0.90-1.40			
ER304L			<0.030	1.00-2.00	0.50-1.00	<0.030	<0.030	18.00-20.00	8.00-10.00	<0.25	<0.25		
ER307			0.04-0.14	3.30-4.75	0.30-0.65	<0.030	<0.030	19.50-22.00	8.00-10.70	0.50-1.50	<0.75		
ER307Si			<0.200	5.00-8.00	<1.20	<0.030	<0.030	17.00-20.00	7.00-10.00	<0.50	<0.50		
ER308L			<0.030	1.00-2.50	0.30-0.65	<0.030	<0.030	19.50-22.00	9.00-11.00	<0.75	<0.75		
ER308LSi			<0.030	1.00-2.50	0.65-1.00	<0.030	<0.030	19.50-22.00	9.00-11.00	<0.75	<0.75		
ER309L			<0.030	1.00-2.50	0.30-0.65	<0.030	<0.030	23.00-25.00	12.00-14.00	<0.75	<0.75		
ER309LSi			<0.030	1.00-2.50	0.65-1.00	<0.030	<0.030	23.00-25.00	12.00-14.00	<0.75	<0.75		
ER310			0.080-0.150	1.00-2.50	0.30-0.65	<0.030	<0.030	25.00-28.00	20.00-22.50	<0.75	<0.75		
ER310L			<0.030	1.00-2.50	<0.65	<0.030	<0.030	25.00-28.00	20.00-22.50	<0.75	<0.75		
ER316L			<0.030	1.00-2.50	0.30-0.65	<0.030	<0.030	18.00-20.00	11.00-14.00	2.00-3.00	<0.75		
ER316LSi			<0.030	1.00-2.50	0.65-1.00	<0.030	<0.030	18.00-20.00	11.00-14.00	2.00-3.00	<0.75		
ER2209			<0.030	0.50-2.00	<0.90	<0.030	<0.030	21.50-23.50	7.50-9.50	2.50-3.50	<0.75		
S32304	1.4362	X2CrNiN23-4	<0.030	<2.00	<1.00	<0.015	<0.035	22.0-24.5	3.50-5.50	0.10-0.60	0.10-0.60	0.05-0.20	

Global Presence



Delivering Quality Worldwide



BS SHAKTI STEEL PVT. LTD.

Manufacturing Unit

5 KM Stone, Sampla-Beri Road, Village Ismaila,
P.O. Kultana, Distt. Rohtak, Haryana – 124501, India

Ph. : +91 98120 22632 / +91 98125 30000

E-mail : sales@bsshaktisteel.com

Web : www.bsshaktisteel.com

Corporate Office

B S Shakti Steel Pvt. Ltd.

209B, IInd Floor, Plot No.-381

Crown Heights, Twin District Centre,
Sec-10, Rohini, New Delhi-110085.

Ph. : +91 -11-41823400, 41823800

E-mail : export@bsshaktisteel.com

Web : www.bsshaktisteel.com