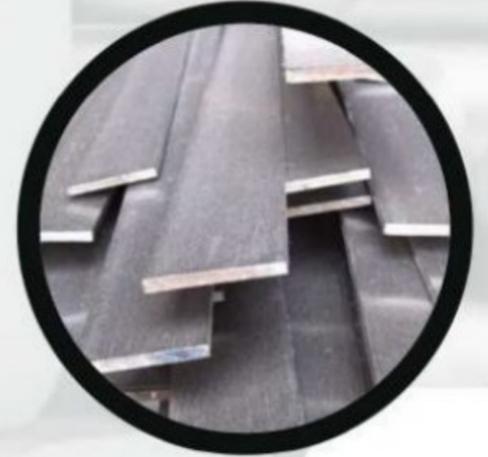
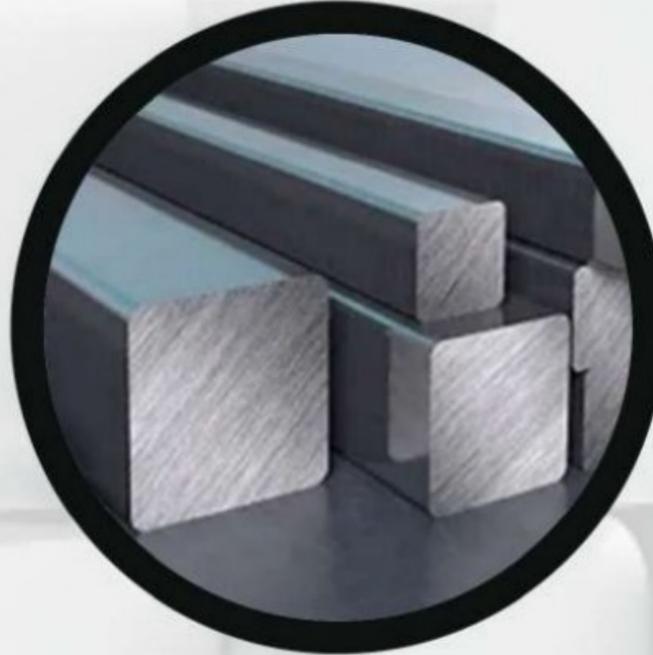




**BHUPINDRA STEEL  
& WIRE INDUSTRIES**



# **BHUPINDRA STEEL & WIRE INDUSTRIES**

Committed to Quality & Customer Satisfaction

**MANUFACTURER & EXPORTER OF :-**

- ◆ BRIGHT BARS / SHAFTING BARS / ANNEALED & STRAIGHTENED BARS
- ◆ HB & HHB WIRES IN COLD HEADING QUALITY (CHQ) MS , EN SERIES & ALL GRADES IN ROUND , HEX, SQUARE & FLATS
- ◆ PEELED AND GROUND BARS



**BHUPINDRA STEEL  
& WIRE INDUSTRIES**

# WELCOME TO BHUPINDRA STEEL WIRE INDUSTRIES WE ARE LEADER IN INDUSTRIAL MARKET SINCE 1971

Bhupindra steel & wire industries is a prominent manufacturer and supplier based in Ludhiana, Punjab, specializing in a diverse range of steel products. Established in 1973, the company has built a strong reputation in the steel industry. Our approach to manufacturing integrates state of the art technologies and a relentless pursuit of excellence, ensuring that each product meet the highest standards. Serving diverse sectors like Automotive, refineries, mechanical, hydraulic, earthmoving, fastener, general engineering, and agriculture, construction, shafting. We aim to reach new heights and set the benchmark as a premier global supplier in the steel industry.

## OUR PRODUCT HAVE DIFFRENT TYPE OF RANGE

SHAPE	RANGE
ROUND BAR	5MM TO 105 MM
SQUARE BAR	12 MM TO 75 MM
HEXAGON	10mm to 80mm
FLAT	10mm to 65 mm width 3 mm to 40 mm thickness
SPECIAL SHAPE BRIGHT BAR	
H.B WIRE	5mm to 28mm
GROUND BAR	7mm to 100mm
PELLED BAR	15 MM TO 110 MM

## ANNEALED & STRAIGHTENED

RECTANGULAR BELL TYPE ELECTRIC FURNACE
PID & THYRISTER CONTROLLED
PID DIGITAL PROGRAM CONTROLLER
100% SEALING SYSTEM
8 METER LONG BAR FACULITES
CHARGE CAPACITY 20 MTS

## PRODUCT CAPACITY

	CAPACITY
ANNEALING	400 MT / MONTH
COLD DRAWING	800 MT / MONTH
GROUND BAR	400 MT / MONTH
PEELED BAR	500 MT / MONTH



**BHUPINDRA STEEL  
& WIRE INDUSTRIES**

## PRODUCT RANGE



**BRIGHT / SHAFTING BAR**



**SQUARE BAR**



**HEXAGON BAR**



**FLAT BAR**



**SPECIAL SHAPE BAR**



**H.B WIRE**



**GROUND BAR**



**PELLED BAR**



**ANNEALED AND STRAIGHTENED BAR**



**BHUPINDRA STEEL  
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## MANUFACTURING FACILITY

### ANNEALING

- ◆ RECTANGULAR BELL TYPE ELECTRIC FURNACE
- ◆ PID & THYRISTER CONTROLLED
- ◆ PID DIGITAL PROGRAM CONTROLLER
- ◆ 100% SEALING SYSTEM
- ◆ CHARGE CAPACITY 20 MTS



### SHOT BLASTING

- ◆ THEY CAN BE USED FOR VARIOUS APPLICATION INCLUDING ,DESCALING , DEVUSTING , DEBURRING
- ◆ PLC FITTED
- ◆ USED FOR REMOVAL RUST OR DESCALE
- ◆ 100% ENVIRONMENT FRIENDLY
- ◆ FINISHING , ACHIVEING SPECIFIC SURFACE TEXTURE OR REMOVING BURNS



### CDL MACHINE

- ◆ PLC FITTED
- ◆ 100% ACCORDING CUSTOMERS SPECIFICATION
- ◆ UPTO 6.5 MTP LENGTH CAN BE PROCESSED
- ◆ PRODUCTION CAPACITY 500MT / MONTH





**BHUPINDRA STEEL  
& WIRE INDUSTRIES**

## TESTING FACILITY

### AVAILABLE TESTING EQUIPMENTS :-

- ◆ MOBILE SPECTRO METER
- ◆ TABLE TOP SPECTRO SPECTRO MAX
- ◆ 3 WELL EQUIPPED WET ANALYSIS CHEMICAL LABS
- ◆ HAND GRINDERS FOR SPARK TESTING
- ◆ METESCOPE
- ◆ ROCKWELL HARDNESS TESTER
- ◆ BRINELL HARDNESS
- ◆ MICRO ANALYSIS (STATE OF THE ART)
- ◆ JOMINY TESTER



BRINELL HARDNESS TESTER



PORTABLE HARDNESS TESTER



UTM MACHINE



UT MACHINE

## QUALITY IS OUR PRIORITY

We have worked hard to make sure that while our customers get bright bar products at the most competitive prices, there is no compromise in quality. Our dedicated team at Bhupindra Steel & Wire Industries is committed to delivering quality at all stages. Inspection in quality starts right from the procurement of Raw material till the delivery of finished goods. We also make sure that besides testing and quality checks throughout the implementation process, we provide our customers with prompt post sales services.

# Grades



**BHUPINDRA STEEL  
& WIRE INDUSTRIES**

## Chemical Composition

GRADE	C %	MN %	SI %	P %	S %	CR %	NI %	MO %	V %	B %
EN-1A	.07/.15	.80/1.20	.10MAX	.07 Max	0.20/0.30	.....	.....	.....	.....	.....
EN-8*	.35-.40	.70/.90*	.10/.35	0.30 Max	.030 Max	.....	.....	.....	.....	.....
EN-8D	.40-.45	.70/.90	.10/.35	0.30 Max	0.30 Max	.....	.....	.....	.....	.....
EN8M	.35-.45	1.00/1.30	.25 MAX	0.30 Max	.12/.20	.....	.....	.....	.....	.....
EN-9	.50-.60	.60/80	.15/.35	0.35 Max	.20/.030	.....	.....	.....	.....	.....
EN-15	.30-.40	1.30/1.70	.10/.35	0.30 Max	.030 max	.....	.....	.....	.....	.....
EN-AM	.30-.40	1.30/1.70	.05/.25	0.35Max	.12/.20	.....	.....	.....	.....	.....
EN-16	.30-.40	1.30/1.80	.10/.35	0.30 Max	0.30 Max	.....	.....	.20/.35	.....	.....
EN-18	.35-.45	.60/.95	.10/.35	0.30 Max	0.30 Max	.85/.1.15	.....	.....	.....	.....
EN-19	.35-.45	.50/.80	.10/.35	0.30 Max	0.30 Max	.90/1.150	.....	.20/.40	.....	.....
EN-24	.35-.45	.45/70	.10/.35	0.40 Max	0.40 Max	.90/1.40	1.30/1.80	.20/.35	.....	.....
EN-31	.98-.1.10	.25/.40	.15/.35	0.20 Max	0.20 Max	1.40/1.60	.....	.....	.....	.....
EN-32B	.10-.18	.60/1.00	.10 MAX	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
EN-45	.55-.65	.70/1.00	1.50/2.00	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
EN-353	.20 Max	.60/1.00	.05/.35	0.40 Max	0.40 Max	.75/1.25	1.00/1.50	.08/.15	.....	.....
15CR3	.12-.18	.40/.60	.15/.35	0.35 Max	0.35 Max	.50/.80	.....	.....	.....	.....
15CRV3	.28-.035	.40/.60	.25/.40	0.35 Max	0.35 Max	.40/.70	.....	.....	.07/.12	.07/.12
40CR4	.38/.44	.60/.90	.10/.35	0.35 Max	0.35 Max	.90/1.20	.....	.....	.....	.....
42CRMO4	.38/.45	.60/.80	.15/.35	0.35Max	0.35 Max	.90/1.20	.....	.15/.30	.....	.....
16MNCR5	.14/.19	1.00/1.30	.15/.35	0.35Max	0.35 Max	.80/1.10	.....	.....	.....	.....
20MNCR5	.17/.22	1.10/1.40	.15/35	0.35 Max	0.35 Max	1.00-1.30	.....	.....	.....	.....
20MN2	.18/.24	1.30/1.70	.10/.35	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
27MN2	.22-.32	1.30/1.70	.10/35	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
31CR4	.28/.35	.60/.90	.15/.35	0.35 Max	0.35 Max	.90/1.20	.....	.....	.....	.....
SAE-1010	.08/.13	.30/.60	.05/.35	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
SAE-1018	.15/.20	.60/.90	.15/.30	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
SAE-4042	.42/.50	.75/.90	.15/.35	0.35 Max	0.35 Max	.....	.....	.25/.30	.....	.....
SAE-4140	.38/.43	.75/1.00	.20/.35	0.35 Max	0.35 Max	.90/1.10	.....	.15/.25	.....	.....
SAE-8620	.18/.13	.70/.90	.15/.35	0.35 Max	0.35 Max	.40/.60	.40/.70	.15/.25	.....	.....
SAE-52100	.98/1.10	.25/.45	.15/.30	0.35 Max	0.25 Max	1.30/1.60	.....	.....	.....	.....
SAE-1524	.19/.25	1.35/1.65	.15/.35	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
SCM-435	.32/.39	.70/.90	1.30 MAX	0.35 Max	0.35 Max	.90/1.20	.....	.20/.30	.....	.....
10B-21	.18/.23	.80/1.20	.15/.35	0.30 Max	0.30 Max	.020 Max	.....	.....	.....	.0005/.003
15B-25	.19/.25	1.35/1.65	.15/.30	0.30 Max	0.30 Max	.020 Max	.....	.....	.....	.0005/.003
C-20	.15/.25	.60/.90	.05/.035	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
C-50	.45/.55	.60/.90	.15/.35	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
35C8	.33/.38	.70/.90	.15/.25	0.35 Max	0.35 Max	.....	.....	.....	.....	.....
IS2062E250	0.23/.26	1.50/.58	.40/.43	0.045Max	0.045 Max	.....	.....	.....	.....	.....
IS2062E350	0.20/.23	.1.55/.60	0.45/.47	0.045 Max	0.045Max	.....	.....	.....	0.25/.28	.....
C-45	.42/0.50	0.15/0.4	0.50/0.80	0.043Max	0.043Max	.....	.....	.....	.....	.....
C-70	0.25Max	0.98/	0.64/	0.45/	.....	.....	.....	.....	.....	.....
C-35	0.17/0.24	0.7/1.00	0.17/0.37	0.035Max	0.035Max	0.25Max	0.25Max	.....	.....	.....
15B35	0.19/0.25	1.35/1.65	.....	.....	.....	.....	.....	.....	.....	0.0005/0.003
EN-47	0.45/0.55	0.50/0.80	.....	.....	.....	0.80/1.20	.....	.....	0.15 min	.....
SAE-1015	0.13/0.18	0.30/0.60	0.040.	0.050.	.....	.....	.....	.....	.....	.....
SAE-1045	0.43/0.50	0.60/0.90	.....	.....	0.050.	.....	.....	.....	.....	.....
52SICRN15	0.49/0.56	....	1.2/1.5	.....	.....	0.7/1.0	0.5/0.7	.....	.....	.....



**BHUPINDRA STEEL**  
**& WIRE INDUSTRIES**

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