



PVP METAL AND ALLOYS

GSTIN: 09BRVPR3118K1Z1



About Us

AK Steels' MS Flats strives for continual improvement of manufacturing processes with emphasis on consistent quality and cost effectiveness. AK Steels' MS Flats Steel is the outcome of a dedicated team consisting of efficient professionals who are not only technically strong but are well versed in commercial matters too. The team is a unique mixture of experience & technology ensuring quality adherence at all levels, with high end technology in the production for maximum work ability and cost effectiveness.

PVP METAL AND ALLOYS is one of the leading and professional Dealer and Suppliers of Stainless Steel, Carbon Steel, Prime Coil, HR Sheet, CR Sheet, M.S Plate, Alloy Steel, Bright Bar and Aluminum Sheets and Plates in all sizes and forms like Pipe Fittings, Sheets Plates, Coils, Round Bars, Angles, Channels, Flats Etc.

GROUP SNAPSHOT

60 Years of transformation

01 Mfg facilities (Plants)

01 Tooling Dev. Centre's

80 Cr. (Approx) Turnover

Over 250 Employees

GROUP VISION & MISSION

OUR VISION.

To exceed Customer Satisfaction through best productivity, quality and timely supply to be a innovative solution provider.

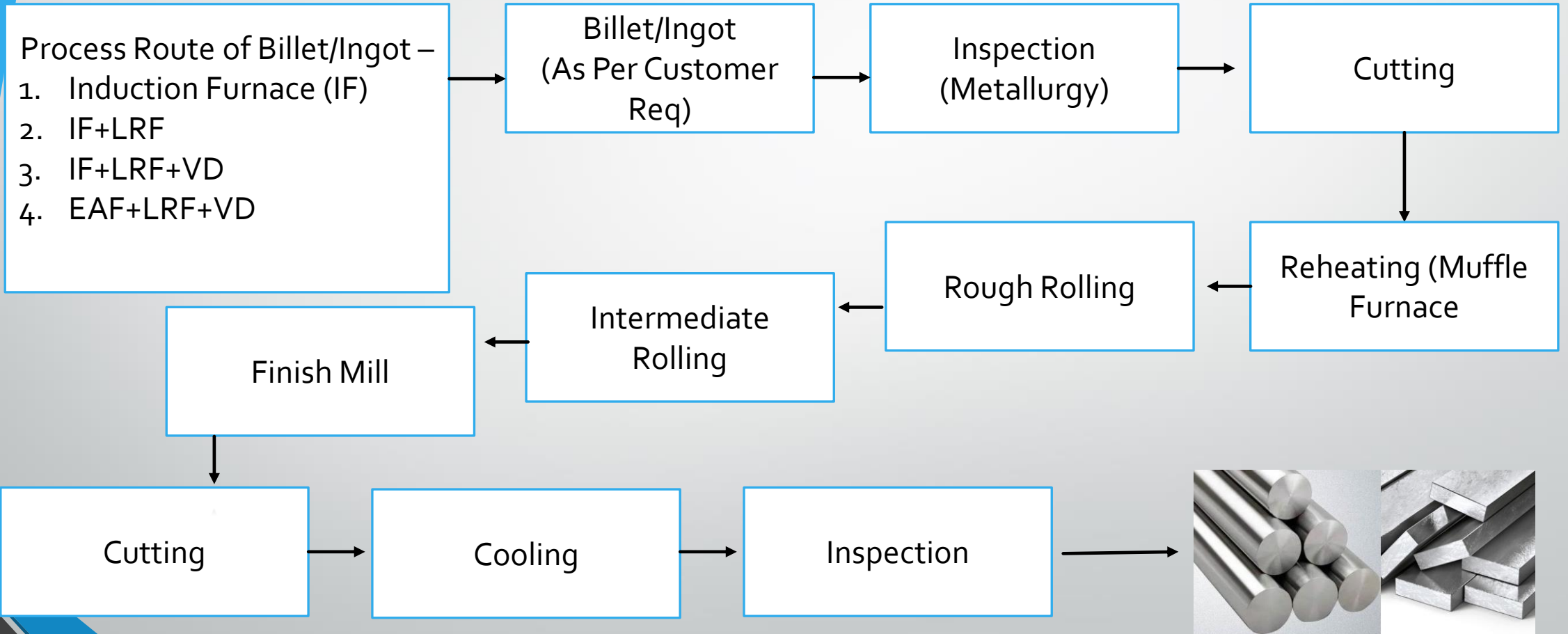
OUR MISSION.

To become **World-Class innovative products manufacturer.**

RELATIONSHIP WITH DIVERSIFIED CUSTOMERS



Process Flow for Flats and Round



PRODUCTION FACILITES RANGE - FLATS

THICKNESS

**3 MM TO 200 MM
(WIDE RANGE)**

WIDTH

**20 MM TO 450 MM
(WIDE RANGE)**

PRODUCTION FACILITES RANGE - ROUND

DIA

**8 MM TO 200 MM
(WIDE RANGE)**

LENGTH

**3000 MM TO 12000
MM (WIDE RANGE)**

Wire Coil

- We manufacture our wire rods through the latest direct hot charging technique, via our concast facility. We produce low carbon, medium carbon, high carbon, cold heading quality.
- The wire rods come with the promise of high quality and dimensional precision. The company continues to improve and innovate to produce the best of quality and develop systems that can deliver its products at the end user's door-step in excellent condition. The quality assurance system equipped with modern equipment and highly skilled work force constantly strives to get the best of products by controlling entire process at every vital point

Available Sizes (mm):

- 5
- 5.5
- 6.5
- 8
- 9
- 10
- 11, 12, 13, 14, 15, 16

Available Grades:

- LC
- CHQ/SAE1010
- SAE1008
- SAE1018
- SAE1030 CR
- SAE1022 CR
- High Carbon 36 – 40
- High Carbon 61-45

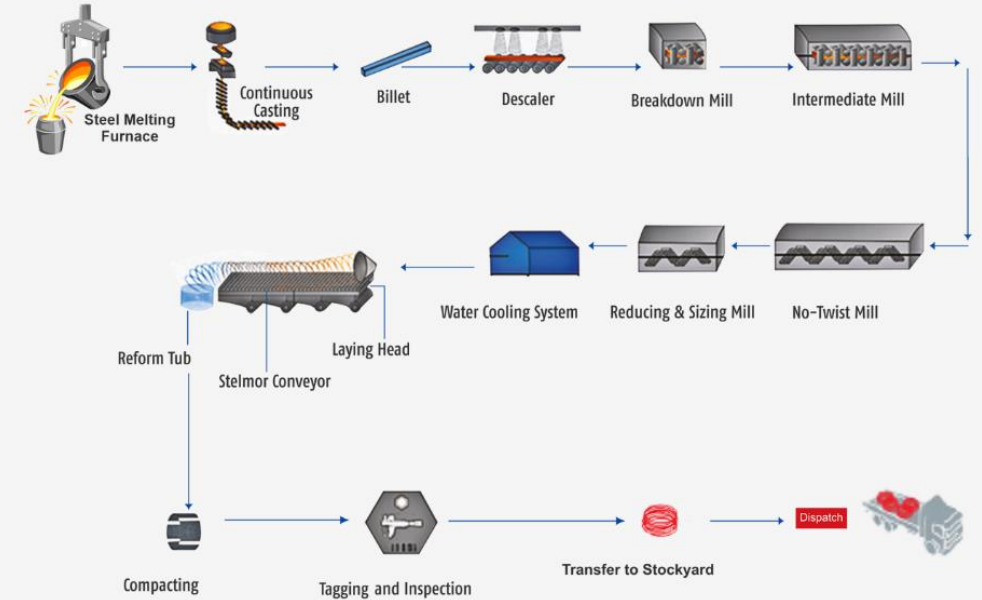


Wire Coil

FEATURES

- ✓ Uniformity across the length
- ✓ Excellent finish and low dimensional tolerance.
- ✓ Free from any surface defects
- ✓ Superior grain structure due to no stress and rolling temperature control.
- ✓ Controlled cooling system to ensure low scale formation over products.
- ✓ Low Sulphur and phosphorous content.

Wire Rod Production Process :



DIMENSIONAL TOLERANCE

DIAMETER (MM)	TOLERANCE OF DIAMETER (MM)	OVALITY (MM)
5.5-10.0	±0.15	≤0.24
10.5-15.0	±0.20	≤0.32
5.5-16.0	±0.25	≤0.40

TMT Bar (THERMO-MECHANICAL TREATED)

Grades

- (Grade Fe-415/ 500/ 550 & Fe-415D, Fe500D, Fe 550D, Fe 600D)
- 8 mm - 50 mm dia.



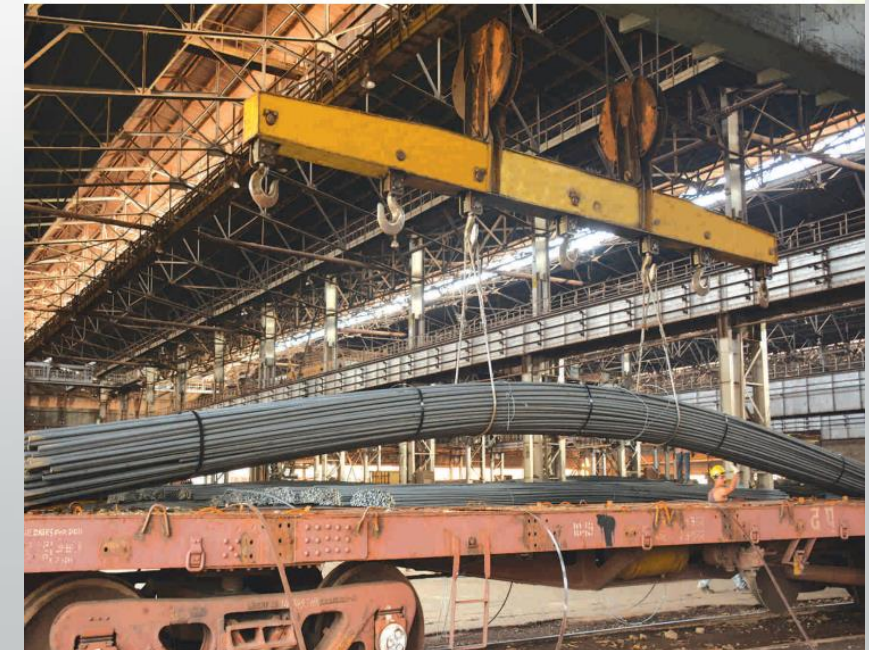
TMT from SAIL

Grade	Application	Special Features
SAIL TMT EQR	Reinforced Concrete Construction (RCC) in buildings, bridges and other concrete structures. Particularly suitable for earthquake prone zone	It has high ductility (UTS/YS ratio), higher elongation, uniform elongation and narrow range of YS. In addition it has excellent bendability, good weldability, and high fatigue resistance on dynamic loading.
SAIL TMT HCR	RCC Construction exposed to coastal, marine, industrial corrosion or underground environment	In addition to SAIL TMT EQR, it possesses high corrosion resistance properties
SAIL TMT FE500S	Suitable for high earthquake prone zones particularly Zone -IV and V	It has very high ductility (UTS/YS ratio), high elongation and high uniform elongation all of which are very much required for high earthquake prone areas
SAIL TMT Rock/ Roofbolt	Underground mine and tunnel roof support, Slope stabilisation in hills and Soil nailing/anchoring	High strength, better toughness and excellent bond properties with grouting materials due to its modified rib design.

Nominal Diameter (in mm)	6	8	10	12	16	20	25	28	32	36	40	45
Weight (kg/m)	0.222	0.395	0.617	0.89	1.58	2.47	3.85	4.83	6.31	7.99	9.85	12.5

Chemical Composition SAIL TMT (IS 1786 : 2008)

Grade	% C max	% S max	% P max	S+P max
Fe 500D EQR	0.25	0.040	0.040	0.075
Fe 550D EQR	0.25	0.040	0.040	0.075
Fe 600	0.30	0.040	0.040	0.075
Fe 500D HCR*	0.25	0.040	0.040	0.075
Fe 550D HCR*	0.25	0.040	0.040	0.075
Fe 600 HCR*	0.30	0.040	0.040	0.075
Fe 500S	0.25	0.040	0.040	0.075



GRADES TO BE ROLLED

- EN-8
- EN-9
- EN-19
- EN-24
- EN-30 B
- EN-31
- EN-36
- EN-45
- EN-47
- SAE8620
- SAE4320
- SAE4120
- EN-47
- SAE8620
- MS Bright Bar
- MS (IS2062)
- 20MncrB5
- 27Mncrb5
- TMT Bar (SAIL and Local)
- Any Special as per chemical composition

INFRASTRUCTURE



INFRASTRUCTURE



INFRASTRUCTURE



INSPECTION FACILITEIS

Product Validation to meet the CSR & Homologation Standards.



Profile
Projector



Endurance
Testing



SST Chamber



Pull Load
Testing



Leakage
Testing



Spectro

Contact Us



Mugal Majra, Mandi Gobindgarh, | Punjab 147300

<http://aksteels.com/about.html> | aksteels@gmail.com

+91 - 98140 07277



S-09, 2nd Floor, Beta Plaza, Sector Beta – 1, Greater Noida, U.P. 201308

<https://www.pvpmetals.com> | pvpmetal.alloys@gmail.com | info@pvpmetals.com

+91-9711096466 | +91-9718446466



THANKS

YOUR SUGGESTIONS ARE WELCOME