

PLATES

Our Hazira manufacturing complex houses India's widest modern steel plate mill, producing 5-meter-wide plates with a capacity of 1.5 MTPA. The mill produces value-added plates with tight dimension tolerance for specialized applications, all in accordance with international standards. The mill is equipped with the latest normalizing and quenching & tempering (Q&T) facilities for producing normalized plates up to 100 mm and quenched and tempered plates up to 70 mm thickness for specialty applications such as earth moving armor applications, shipbuilding, navy, etc.



BENEFITS

- Import substitute for high value, high quality steel
- Strategically located plant to ensure timely delivery
- Better yield, quality and durability
- Optimized thickness to strength ratio
- Excellent weldability
- Excellent abrasion, corrosion and wear resistance
- Current certifications - ABS, DNV, NKK, GL, API, BV, DHR, BIS and other international certifications continually added



APPLICATIONS

- Wind mills
- Heavy earthmoving machinery and mining equipment
- General fabrication and engineering
- Line pipes
- Shipyards
- Offshore platforms
- Refineries
- Boilers and pressure vessels
- Defense
- Railways
- Construction
- Hydropower engineering



FEATURES

- Widest plate mill producing up to 5 m wide plates
- Customized products as per application requirements
- Value-added products through Thermo-Mechanical Control Process (TMCP) and Accelerated Direct Cooling Operation (ADCO)
- Shot blasted and primer coating facility



DIMENSIONAL CAPABILITY

- Thickness: 6 - 150 mm
- Width: 1,100 - 5,000 mm
- Length: Up to 25,000 mm
- Weight: 14MT (max), 17MTplied on case to case basis



PRODUCTS

- Steel plates for shipbuilding - ABS A, B, D, AH32, DH32, DH40, EH40
- Steel plates for mechanical structures - ASTM A36, SAE1010, SAE1060, SAE4150
- Steel plates for boiler and pressure vessels - ASTM A285 gr. A, B, C, A515 gr.55, 60, 65, A516 gr.55, 60, 65, 70
- Steel plates for line pipes - APIX 42 to APIX 80
- Yellow Goods - Rockstar 400, Rockstar 450, Rockstar 500
- Offshore structural application - API 2H, 2Y & 2W
- Weathering & Corrosion Resistant - ASTM A441 A588 Gr A, B, C, K
- General Engineering / Structural steel - EN 10025-2 S235 J2/ S235 J2+N, S355 J2/ S355 J2+N, ASTM A 283 Gr. C, A 573 Gr. 70, A572 Gr.50 Type 2, ASTM A 588 Gr. A/Gr. B



SUPPLY CONDITION

- As Rolled
- Normalized Rolled
- Thermo-Mechanical Controlled Rolled
- Furnace Normalized
- Quenched / Quenched and tempered (Q&T)
- Shot blasted and primer coated
- Ultrasonically tested using online UT machine up to 50 mm and manual UT up to 150 mm