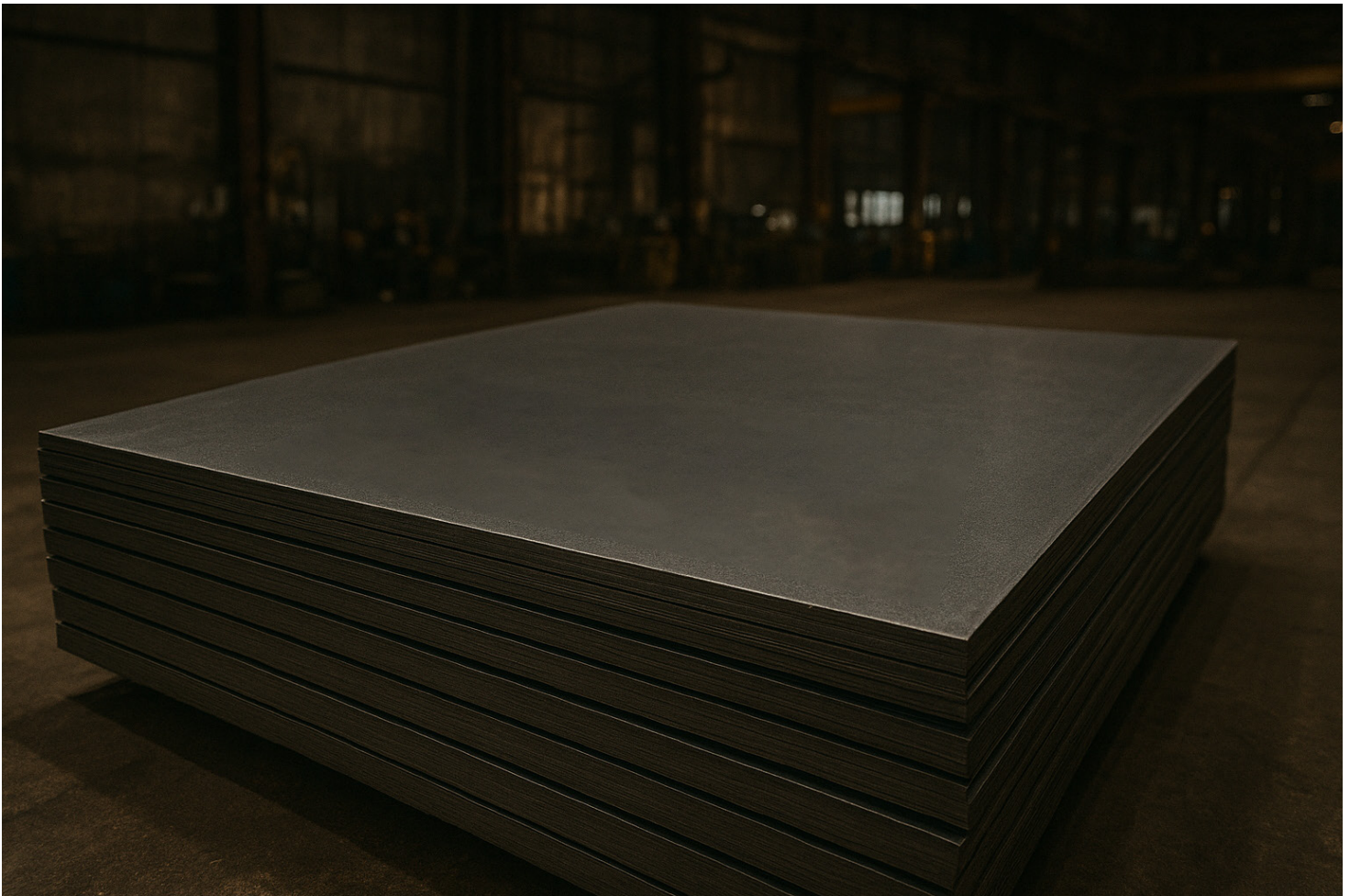




NAVGRAHA STEELS INC

Stockist & Supplier



S275JR Steel

Plates, Sheets & Coils

+91-9619267263 | Reachus@navgrahasteelsinc.com | www.navgrahasteelsinc.com

Introduction – What is S275JR Steel?

S275JR is a non-alloy structural steel grade as per EN 10025-2 standard. The 'JR' designation means the steel has been impact tested at +20°C (27J). It is widely used in bridges, buildings, and fabrication industries due to its strength, weldability, and cost-effectiveness.

Mechanical Properties – S275JR Steel

Property	Requirement
Tensile Strength	410–560 MPa
Yield Strength (min)	275 MPa (\leq 16 mm thickness)
Elongation (min)	20%
Charpy V-Notch Impact	27J at +20°C

Chemical Composition – S275JR Steel

Element	% (Max / Typical)
Carbon (C)	\leq 0.21
Manganese (Mn)	\leq 1.50
Silicon (Si)	\leq 0.55
Phosphorus (P)	\leq 0.035
Sulfur (S)	\leq 0.035
Nitrogen (N)	\leq 0.012 (controlled)

Product Forms

- Plates – For bridges, buildings, shipbuilding
- Sheets – Fabrication & general structures
- Coils – OEM processing, cold forming
- Beams, Angles, Channels – Structural use

Delivery Condition & Processing

- Supplied in as-rolled (AR) or normalized (N) condition
- Can be shot-blasted, primed, or painted
- Excellent welding properties (manual & automatic)
- CNC cutting, drilling, and machining available

Standard Dimensions - S275JR Steel

Parameter	Range
Thickness	3 - 200 mm
Width	1000 - 3000 mm
Length	3000 - 13000 mm

Applications Across Industries

- Bridges, flyovers & building structures
- Offshore & marine structures
- Heavy machinery & fabrication works
- Wind turbine towers
- Railways & infrastructure projects

Buyer's Checklist - S275JR

- EN 10025-2 S275JR mention on MTC
- Impact test at +20°C (27J)
- Mill Test Certificate (EN 10204 3.1)
- Surface finish (HR, blasted, primed)
- EPC/TPI approvals (Lloyd's, TÜV, SGS, BV, DNV)

Why Buy S275JR from Navgraha Steel INC?

- Large stock of structural plates & sections
- Fast delivery with CNC processing
- Certified MTCs with traceability
- Export-ready supply to GCC, Africa, Asia

Request Price & Datasheet

Looking for 16Mo3 Plates from
SAIL, AMNS, JSPL, Evonith?



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