



NAVGRAHA STEELS INC

Stockist & Supplier



**SA 516 Gr 60/70 Dual Certification
Plates, Sheets & Coils**

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

Introduction – Why Dual Certification?

SA 516 Gr 60 and SA 516 Gr 70 are both pressure vessel quality carbon steel grades. Dual Certification means plates meet the requirements of both grades, giving EPC contractors flexibility, welding ease, and higher strength margins.

Mechanical Properties – SA 516 Gr 60 vs Gr 70

Property	Gr 60	Gr 70
Tensile Strength	415–585 MPa (60–85 ksi)	485–620 MPa (70–90 ksi)
Yield Strength (min)	220 MPa (32 ksi)	260 MPa (38 ksi)
Elongation (min)	17–21%	17–21%

Chemical Composition – SA 516 Gr 60 vs Gr 70

Element	Gr 60	Gr 70
Carbon (C)	0.21 – 0.27	0.26 – 0.31
Manganese (Mn)	0.55 – 1.20	0.85 – 1.20 (up to 1.30)
Silicon (Si)	0.15 – 0.40	0.15 – 0.40
Phosphorus (P)	≤ 0.035	≤ 0.035
Sulfur (S)	≤ 0.035	≤ 0.035

Standard Dimensions – SA 516 Gr 60/70

Parameter	Range
Thickness	6 – 120+ mm
Width	1500 – 3000 mm
Length	3000 – 13000 mm

Delivery Condition & Heat Treatment

- Normalized and Tempered (N+T) – Standard for Class 2
- Long-term creep resistance under elevated pressure & temperature
- Optional Charpy impact testing at sub-zero temperatures

Unified Buyer Guide – Forms × Brands

Brand	Plates	Sheets	Coils	Coils
SAIL	✓	✓	✗	Reliable Indian mill, EPC trusted
AM/NS India	✓	✓	✗	Export-ready, OEM supply
JSPL	✓	✓	✗	Heavy wall expertise
Evonith	✗	✓	✗	Stockist brand, check MTC
Nippon Yakin	✓	✓	✓	Nickel/stainless alloys only
Outokumpu	✓	✓	✓	Stainless-only producer
Special Metal	✓	✓	✓	Nickel alloys
VDM Metals	✓	✓	✓	Nickel/special alloys
ATI	✓	✓	✓	Specialty alloys

Applications Across Industries

- Oil & Gas – refineries, LNG, sour service tanks
- Power – boilers & heat exchangers
- Petrochemical – reactors & separators
- Fertilizer – ammonia & urea equipment
- Marine/Offshore – platforms & subsea vessels

Request Price & Datasheet

Looking for SA 516 Gr 60/70 Dual Certified Plates, Sheets & Coils from trusted brands like SAIL, AMNS, JSPL, Evonith, Nippon Yakin, Outokumpu, Special Metals, VDM, and ATI?
At Navgraha Steel INC
(Mumbai, Maharashtra, India)

we ensure:

Ready stock & export packaging

Certified dual certification MTC

Global export reach

Fast delivery with processing



NAVGRAHA STEELS INC



+919619267263 | +912244229250



reachus@navgrahasteelsinc.com



www.navgrahasteelsinc.com



**Krishvi Escape, No. A-208, 2nd floor, A wing,
Plot No 24, Sitaram Podar marg, Fanaswadi,
Bhuleshwar, Mumbai- 400002 Maharashtra India**