

# STEEL GRADES MEETING VARIOUS ASTM AND EQUIVALENT INTERNATIONAL STANDARDS

1. Weldable Carbon Steel Plates	A. Structural B. Shipbuilding C. Cold Flanging	ASTM A36, ASTM A283, ASTM A709 ASTM A573, ASTM A131, ABS Gr. A, B, D
2. Pressure Vessel Quality	A. Moderate & High Temp. B. Intermediate & Low Temp. C. High Notch Toughness D. Cold Forming	ASTM A515, ASTM A516, ASTM A285 A204, A841, A302, A662, A299, A455, A612
3. High Strength Low Alloy	A. Onshore & Offshore B. Structural, Shipbuilding C. Atmospheric Corrosion Resistance	ASTM A572, ASTM A242, ASTM A588 ASTM A709, ASTM A 656, ABS Gr. AH, DH ABS GR E,EH
4. Controlled Rolled	A. Structural B. Shipbuilding C. Pressure Vessel D. High Strength Low Alloy	All grades under category 1, 2, & 3 <1.25" thick
5. High Strength Line Pipe	General Sweet and Sour Gas Application	API 5LX - 42 THRU X70 (as rolled/control rolled)
6. As Rolled/CR Abrasion Resistant	Moderate Sliding and Light Impact	Max 250 BHN Surface Hardness.
7. Normalized Plate	A. Structural B. Shipbuilding C. Pressure Vessel D. High Strength Low Alloy	All Grades under category 1,2 & 3 Gauge: Min 1" - Max 4" Width :Max 120" for plates from 1 -1.625"