

# TJC STEEL.

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TJC Steel can supply A516 Grade 450/ A516 Gr450 pressure vessel steel plate, mainly used in construction for pressure vessels.

Production Size: Thickness: 4mm- 400mm; Width: 1000mm- 4000mm; Length: 4000mm- 12000mm.

Production ability:10000 Tons Per Month.

Production Way: Hot Rolled

Technical Details:

Heat Treatment: Normalized, Quenched, Tempered, HIC, Impact Test,..( Optional if not provided in rules)

Chemical Composition( %):

Grade/ Material	Element	Composition( Max-A, Min-I)
A516 Grade 450/ A516 Gr450	C	0.24
	Mn	0.85-1.20
	Si	0.15-0.40
	P	0.035
	S	0.035

Mechanical Properties( Mpa)

Grade/ Material	Tensile Test	Ksi/MPa
A516 Grade 450/ A516 Gr450	Tensile Strength	65-85/450-585
	Yield Strength	35/240
	Elongation	19%
	Impact Test( if any)	

TJC Steel( owned by TJC Iron&Steel (Group) Co., Limited) is the most competitive manufacture and supplier of ASTM A516/ A516M Grade 450 Pressure Vessel Steel Plate in China. For more details, please contact [INFO@TJCSTEEL.COM](mailto:INFO@TJCSTEEL.COM).