

# Plate Grades

The following is a list of plate grades produced by Algoma. For information about gauge/width/length combinations by grade, or our capability to produce grades not listed, please contact our Sales Department.

CHEMICAL COMPOSITION HEAT ANALYSIS (%)	
<b>Structural – Carbon Plate</b>	CSA G40.20/40.21 - 38W (260W), 38WT (260WT), 44W (300W), 44WT (300WT)
	ASTM/ASME - A36, A283, A573, A709
	ASTM A830/SAE J403 1006 to 1050
	EN10025
<b>Structural – HSLA</b>	CSA G40.20/40.21 - 50W (350W), 50WT (350WT), 50A (350A), 50AT (350AT), 60W (400W), 60WT (400WT), 65W (450W)
	ASTM <sup>1</sup> - A242, A572, A588, A633, A656, A709
	EN10025
	Corten A & B
<b>Structural – Q&amp;T</b>	CSA G40.20/40.21 100Q, 100QT
	ASTM A514 Grades S, B, H
<b>Pressure Vessel Quality</b>	ASTM <sup>1</sup> - A285, A455, A516 <sup>2</sup> , A537, A612, A517 Grade B
<b>Algoma Proprietary – Structural</b>	Algoma 100, Algoma 130, Algoma 140
<b>Algoma Proprietary – Abrasion Resistant</b>	Algoma AR225, Algotuf 400F, Algotuf 450F, Algotuf 500
<b>American Association of Railways</b>	A516, TC128
<b>Military</b>	MIL-DTL-46100E Class 1
<b>Shipbuilding</b>	A131
	ABS A, B, D, AH32/AH36, DH32/DH36, EH32/EH36
	<sup>2</sup> Lloyds A, B, D, E, AH32/AH36, DH32/DH36, EH32/EH36.
	DNV-GL A, B, D, A32/A36, D32/D36, E32/E36
<b>API Line Pipe</b>	API 5L B, X42, X46, X52, X60, X65, X70

<sup>1</sup> Also available in ASME version

<sup>2</sup> Available in As-Rolled, Normalizing Rolled, Normalized, and Thermo Mechanical Condition.



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