



CERTIFIED MATERIAL TEST REPORT

CA-ML-CAMBRIDGE
160 ORION PLACE
CAMBRIDGE, ON N1T 1R9
Canada

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE A36/44W	SHAPE / SIZE Flat Bar / 3/16 X 3/4	DOCUMENT ID: 0000208953
SALES ORDER 12911967/000010		CUSTOMER MATERIAL N° 000000000001262420		LENGTH 20'00"	WEIGHT 4,912 LB	HEAT / BATCH 52107892/03
CUSTOMER PURCHASE ORDER NUMBER 4500550392		BILL OF LADING 1301-0000063169	DATE 05/01/2023	SPECIFICATION / DATE or REVISION ASME SA36 ASTM A6-17, A36-14 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		

CHEMICAL COMPOSITION											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
0.14	0.70	0.017	0.034	0.18	0.41	0.12	0.24	0.040	0.001	0.003	0.014

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
24.50	8.000	71313	492	50809	350	
25.00	8.000	71167	491	51103	352	

COMMENTS / NOTES
CSA Grades: 50W

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaу possession. For all products other than billets, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, and Hot Rolled) in Canada. For billets, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in Canada. CMTR complies with EN 10204 3.1.

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