



CERTIFIED MATERIAL TEST REPORT

US-ML-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 6 X 20# / 150 X 29.8		DOCUMENT ID: 0000711014	
		LENGTH 40'00"		PCS 9	WEIGHT 7,200 LB		HEAT / BATCH 59101236/02
		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W					
		DATE 12/18/2021					

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.96	0.021	0.032	0.19	0.34	0.09	0.17	0.021	0.005	0.001	0.011	0.002	0.31

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
56681	75336	391	519	0.750	8.000	200.0	24.50		
55575	74332	383	512	0.750	8.000	200.0	25.80		

COMMENTS / NOTES

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 Gerdau possession. This material, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Wade A. Lumpkins
 WADE LUMPKINS
 QUALITY ASSURANCE MGR.