



**CERTIFIED MATERIAL TEST REPORT**

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

SALES ORDER 12401411/000110		CUSTOMER MATERIAL N° 00000000374130040		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3	DOCUMENT ID: 0000862515
				LENGTH 40'00"	PCS 75	WEIGHT 39,000 LB
CUSTOMER PURCHASE ORDER NUMBER 4500540206				BILL OF LADING 1327-0000503056		DATE 12/02/2022
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.87	0.010	0.036	0.19	0.31	0.09	0.14	0.022	0.006	0.001	0.013	0.001	0.29

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
56858	69953	392	482	0.810	8.000	200.0	22.00		
58952	71469	407	493	0.820	8.000	200.0	22.30		

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. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

*Bhaskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*Wade A. Lumpkins*  
 WADE LUMPKINS  
 QUALITY ASSURANCE MGR.