



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 18 X 50# / 460 X 74		DOCUMENT ID: 0000913643	
		LENGTH 60'00"		PCS 8	WEIGHT 24,000 LB		HEAT / BATCH 58055810/04
SALES ORDER 12735000/000140		CUSTOMER MATERIAL N° 000000003718500060		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
CUSTOMER PURCHASE ORDER NUMBER 4500546761		BILL OF LADING 1327-0000519539		DATE 03/21/2023			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.09	0.88	0.014	0.030	0.22	0.26	0.15	0.21	0.031	0.005	0.002	0.022	0.31	

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
54087	70736	373	488	0.760	8.000	200.0	25.20		
55892	72292	385	499	0.770	8.000	200.0	24.50		

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.