



CERTIFIED MATERIAL TEST REPORT

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

12665318/000100

000000000378280045

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 8 X 28# / 200 X 41.7		DOCUMENT ID: 0000900728
LENGTH 45'00"	PCS 6	WEIGHT 7,560 LB	HEAT / BATCH 59109121/02	
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 4500545318	BILL OF LADING 1327-0000515356	DATE 02/24/2023
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CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.86	0.007	0.027	0.20	0.22	0.12	0.15	0.024	0.005	0.001	0.015	0.001	0.30

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
54215	71827	374	495	0.750	8.000	200.0	25.20		
53763	71673	371	494	0.750	8.000	200.0	24.70		

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.