

Date: 3/24/2023 To: SENTRY SUPPLY dba SO#: A756758 Ln#: 2 PO#: P0240334-01 Part: W1004540\* Qty: 1 Heat#: 59109835\*  
 Tag: B16032323



US-MIDLOTHIAN  
 300 WARD ROAD  
 MIDLOTHIAN, TX 76065  
 USA

HOUSTON, TX 77029-3613 USA	HOUSTON, TX 77029 USA	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 45# / 250 K 67	DOCUMENT ID: 0000912717
SALES ORDER 12714317/000070	CUSTOMER MATERIAL N°	LENGTH 40'00"	WEIGHT 7,200 LB	HEAT / BATCH 59109835/02
BILL OF LADING 1327-0000519265	DATE 03/20/2023	SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		

CUSTOMER PURCHASE ORDER NUMBER  
SSW133921

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Su (%)	V (%)	Nb (%)	Al (%)	CEqVA6 (%)
C (%)	0.10	0.92	0.033	0.22	0.32	0.07	0.17	0.019	0.007	0.001	0.019	0.002	0.31
MECHANICAL PROPERTIES		YS (MPa)	YS (PSI)	UTS (MPa)	UTS (PSI)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)				
YS 0.2% (PSI)	53032	366	70520	486	8.000	0.750	8.000	200.0	23.90				
	55178	381	71556	493	8.000	0.770		200.0	24.60				

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 Gerdaul 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.

*Shashank*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

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

Phone: (409) 767-1171 Email: Bhaskar.Yalamanchili@gerdau.com

Phone: 077-770-3118 Email: Wade.Lumpkins@gerdau.com