



CERTIFIED MATERIAL TEST REPORT

US MIL MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO NEW CENTURY,KS 66031-1127 USA		CUSTOMER BILL TO MANHATTAN,KS 66505-1688 USA		GRADE A36/A572-50	SHAPE / SIZE Standard I-Beam 6 X 17.25# 150 X 25.7	DOCUMENT ID 0000878391
SALES ORDER 12492128-000010		CUSTOMER MATERIAL N° 000000000356172540		LENGTH 40'00"	PCS 12	WEIGHT 8,280 LB
CUSTOMER PURCHASE ORDER NUMBER 1800542075		BILL OF LADING 1327-0000507135		DATE 01/06/2023		
SPECIFICATION / DATE or REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.96	0.018	0.036	0.19	0.40	0.12	0.21	0.025	0.007	0.002	0.014	0.001	0.32

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)
53221	73035	367	504	8.000	200.0	24.10
52117	72156	359	498	8.000	200.0	24.00

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

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Wade Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.

Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com