



**CERTIFIED MATERIAL TEST REPORT**

US-ML-JACKSON TN  
 801 GERDAU AMERISTEEL ROAD  
 JACKSON, TN 38305  
 USA

		GRADE GGMULTI	SHAPE / SIZE Angle / 4X3 1/2X3/8	DOCUMENT ID: 0000533724
		LENGTH 20'00"	WEIGHT 9,100 LB	HEAT / BATCH 63231199/06
SALES ORDER 12812226/000030		CUSTOMER MATERIAL N° 00000504003161220		SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-17,A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13
CUSTOMER PURCHASE ORDER NUMBER 4500548215	BILL OF LADING 1333-0000213718	DATE 04/14/2023		

CHEMICAL COMPOSITION														
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEqvA529 (%)	Sn (%)	
0.13	0.68	0.016	0.027	0.19	0.31	0.11	0.16	0.030	0.004	0.006	0.000	0.34	0.013	

MECHANICAL PROPERTIES							
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
31.00	8.000	200.0	74901	516	56482	389	
32.00	8.000	200.0	75011	517	56273	388	

GEOMETRIC CHARACTERISTICS	
R:R	
11.39	

COMMENTS / NOTES

This grade meets the requirements for the following grades:  
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50  
 CSA Grades: 44W; 50W  
 AASHTO Grades: M270-36; M270-50  
 ASME Grades: SA36

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 Gerdaу 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

*Ben Lovell*  
 BEN LOVELL  
 QUALITY ASSURANCE MGR.

Phone: (731) 423-5213 Email: benjamin.lovell@gerdau.com