



**CERTIFIED MATERIAL TEST REPORT**

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

		GRADE GGMULTI	SHAPE / SIZE Channel / 4 X 5.4#	DOCUMENT ID: 0000400218
		LENGTH 20'00"	WEIGHT 9,072 LB	HEAT / BATCH <b>63212140/02</b>
SALES ORDER 10848189/000010		CUSTOMER MATERIAL N° 00000000025454020		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 4500513859	BILL OF LADING 1333-0000178134	DATE 09/09/2021		

CHEMICAL COMPOSITION														
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEqvA529 (%)	Sn (%)	
0.15	0.69	0.013	0.020	0.21	0.32	0.11	0.12	0.025	0.003	0.006	0.000	0.36	0.010	

MECHANICAL PROPERTIES							
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
27.00	8.000	200.0	77935	537	53773	371	
28.00	8.000	200.0	78303	540	53858	371	

GEOMETRIC CHARACTERISTICS	
R:R	
19.20	

**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

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

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. This material, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

*Bhaskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*Ben Lovell*  
 BEN LOVELL  
 QUALITY ASSURANCE MGR.