



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

CERTIFIED MATERIAL TEST REPORT

CUSTY		GRADE	SHAPE / SIZE	DOCUMENT ID:
STEEL		GGMULTI	Angle / 4X3X5/16	0000535000
NEW CENTURY,KS 66031-1127 USA	MANHATTAN,KS 66505-1688 USA	LENGTH	WEIGHT	HEAT / BATCH
		20' 00"	4,752 LB	63231227/04
SALES ORDER	CUSTOMER MATERIAL N°	SPECIFICATION / DATE or REVISION		
12876539/000030	000000504003001020	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	BILL OF LADING	DATE		
4500549713	1333-0000214100	04/20/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEq ^{A529} (%)	Sn (%)
0.12	0.72	0.016	0.024	0.19	0.32	0.11	0.19	0.030	0.003	0.008	0.001	0.35	0.012

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
28.00	8.000	200.0	77267	533	58158	401
28.00	8.000	200.0	77086	531	58972	407

GEOMETRIC CHARACTERISTICS	
R.R	
14.40	

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 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

Ben Lovell
 BEN LOVELL
 QUALITY ASSURANCE MGR.

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