


Date: 6/15/2023 To: SENTRY SUPPLY dba SO#: A768822 Ln#: 1 PO#: 242246-01 Part: A121202520* Qty: 10 Heat#: 54194635*
 Tag: B07061423

CERTIFIED MATERIAL TEST REPORT

 US-ML-CHARLOTTE 6601 LAKEVIEW ROAD CHARLOTTE, NC 28269 USA	CUSTC 8 F L USA	GRADE GGMULTI	SHAPE / SIZE Angle / 1 1/4X1 1/4X1/4	DOCUMENT ID: 0000158311
	SALES ORDER 12680746/000050	LENGTH 20'00"	WEIGHT 4,762 LB	HEAT / BATCH 54194635/04
CUSTOMER PURCHASE ORDER NUMBER SSW133611	BILL OF LADING 1321-0000109914	DATE 03/23/2023	SPECIFICATION / DATE OF REVISION ASME SA36 ASTM A6-14, A36-14 ASTM A709-18, AASHTO M270-12 CSA G40.20-13/G40.21-13	
CUSTOMER MATERIAL N°				

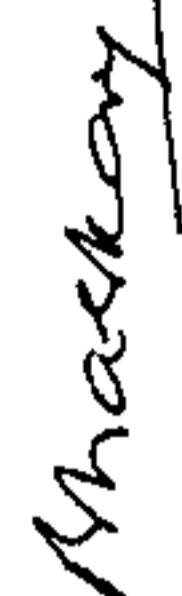
CHEMICAL COMPOSITION		C	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)
0.12	0.63	0.013	0.029	0.17	0.34	0.16	0.19	0.040	0.004	0.004	0.007
MECHANICAL PROPERTIES		Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	YS (PSI)	YS (MPa)		
26.20	8.000	71672	494	53745	371	54381	375	54381	375		


GEOMETRIC CHARACTERISTICS
 R.R
 44.00

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


 RACHEL WARREN
 QUALITY ASSURANCE MGR.
 Phone: (704) 596-0361 EX3039 Email: Rachel.Warren@gerdau.com