

Date: 7/11/2023 To: SENTRY SUPPLY dba SO#: A771911 Ln#: 1 PO#: P0242643-15 Part: A804007540\* Qty: 1  
 Heat#: 55083511\* Tag: B10071023

CERTIFIED MATERIAL TEST REPORT

<b>GD GERDAU</b>		GRADE GGMULTI		SHAPE / SIZE Angle / 8X4X3/4		DOCUMENT ID: 0000589085	
US-ML-CARTERSVILLE 384 OLD GRASSDALE ROAD NE CARTERSVILLE, GA 30121 USA		LENGTH 40'00"		WEIGHT 9,184 LB		HEAT / BATCH 55083511/02	
SALES ORDER 12785432/000150		SPECIFICATION / DATE of 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 SSW134408		BILL OF LADING 1323-0000231607		DATE 03/17/2023		CUSTOMER MATERIAL N°	

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	V (%)	Nb (%)	N (%)	CE <sub>qv</sub> A6 (%)	Sn (%)
C (%)	0.09	0.96	0.017	0.027	0.22	0.26	0.14	0.031	0.001	0.027	0.0093	0.31	0.012
MECHANICAL PROPERTIES		G/L (Inches)		UTS (PSI)		UTS (MPa)		YS 0.2% (PSI)		YS (MPa)			
Elong (%)	26.50	8.000	8.000	75000	517	517	517	53700	370	370	370	383	
	25.70	8.000	8.000	75600	521	521	521	55500	383	383	383		

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 Gerdaus 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.

*Maskar*  
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