



US-ML-PETERSBURG  
25801 HOFHEIMER WAY  
PETERSBURG, VA 23803  
USA

CERTIFICADO DE CALIDAD

CUSTOMER SHIP TO TRANSPORTE DE GAS ROAN SA ZVP 16 603 717 GENERAL ESCOBEDO,NL 66052 Mexico		CUSTOMER BILL TO GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_I / 24 X 104# / 610 X 155	
SALES ORDER 149656/000080		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 20,800 LB	HEAT / BATCH 6010204004
CUSTOMER PURCHASE ORDER NUMBER 4500282629-VA		BILL OF LADING 1330-0000012215	DATE 04.12.2012			

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	1.16	0.010	0.026	0.21	0.29	0.10	0.13	0.017	0.015	0.001	0.017	0.003

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
53.9	71.0	372	490	8.000	200.0	
53.0	70.6	365	487	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
25.80	0.759
29.30	0.751

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. We certify that these data are correct and in compliance with specified requirements. CMTR complies with EN 10204 3.1.

*Bhaskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Wade A. Hill*  
WADE LUMPKINS  
QUALITY ASSURANCE MGR.