



CERTIFICADO DE CALIDAD

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

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_1 / 10 X 49# / 250 X 73
SALES ORDER 149502/000080		LENGTH 40'00"		WEIGHT 109,760 LB	HEAT / BATCH 5905299404
CUSTOMER PURCHASE ORDER NUMBER 4500282629		BILL OF LADING 1327-0000027911		DATE 25.10.2012	
SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11					

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	0.90	0.012	0.034	0.25	0.24	0.10	0.10	0.030	0.009	0.002	0.020	0.003

CHEMICAL COMPOSITION	
CEqvA6 %	0.3

MECHANICAL PROPERTIES						
YS KSI	YS KSI	YS MPa	YS MPa	G/L Inch	G/L mm	
54.5	73.8	376	509	8.000	200.0	
55.3	71.5	381	493	8.000	200.0	

MECHANICAL PROPERTIES	
Elong %	Y/T ratio %
24.60	0.749
24.20	0.762

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

Tom Harrington
 TOM HARRINGTON
 QUALITY ASSURANCE MGR.