



US-ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
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_1/6 X 8.5# / 150 X 12.7	
SALES ORDER 87463/000010		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 141,100 LB	HEAT / BATCH 5905085302
CUSTOMER PURCHASE ORDER NUMBER 4500175835	BILL OF LADING 1327-0000010531	DATE 29.06.2012				

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Su %	V %	Nb %	Al %	
0.07	0.87	0.013	0.033	0.23	0.24	0.08	0.10	0.026	0.007	0.002	0.021	0.003	

CHEMICAL COMPOSITION
CEqvA6 %
0.3

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
60.4	73.6	417	510	8.000	200.0	
60.5	73.9	417	507	8.000	200.0	

MECHANICAL PROPERTIES	
Elong. %	Y/T ratio %
24.00	0.819
23.70	0.821

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