



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_I / 16 X 45# / 410 X 67	
SALES ORDER 149502/000280		SPECIFICATION / DATE of REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 7,200 LB	HEAT / BATCH 5905021103
CUSTOMER PURCHASE ORDER NUMBER 4500282629	BILL OF LADING 1327-0000030936	DATE 14.11.2012				

CHEMICAL COMPOSITION													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb	Al	
%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.08	0.93	0.013	0.027	0.24	0.32	0.10	0.13	0.031	0.009	0.002	0.022	0.004	

CHEMICAL COMPOSITION	
CEqvA6	%
0.0	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
55.6	73.5	382	503	8.000	200.0	
55.3	72.9	383	507	8.000	200.0	

MECHANICAL PROPERTIES		
Elong.	Y/T rati	
%	%	
28.10	0.759	
28.40	0.756	

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.

*Manoj*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Tom Harrington*  
TOM HARRINGTON  
QUALITY ASSURANCE MGR.