

**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 MBXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico	GRADE 992/572-50	SHAPE / SIZE WFBEAM SHAPE_I / 16 X 45# / 410 X 67	
		LENGTH 40'00"	WEIGHT 19,800 LB	HEAT / BATCH 5905129605
SALES ORDER 149502/000280		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		
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
%	%	%	%	%	%	%	%	%	%	%	%	%
0.09	0.92	0.018	0.022	0.20	0.28	0.08	0.15	0.031	0.006	0.003	0.017	0.003

CHEMICAL COMPOSITION	
CEqvA6	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
58.1	75.3	399	516	8.000	200.0	
57.9	74.8	401	519	8.000	200.0	

MECHANICAL PROPERTIES	
Elong.	Y/T ratio
%	%
27.10	0.774
27.20	0.772

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.