



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_I / 24 X 84# / 610 X 125
SALES ORDER 149502/000400		LENGTH 40'00"		WEIGHT 3,360 LB	HEAT / BATCH 5905257802
CUSTOMER PURCHASE ORDER NUMBER 4500282629		BILL OF LADING 1327-0000031962	DATE 20.11.2012	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	1.01	0.014	0.042	0.29	0.30	0.09	0.14	0.025	0.010	0.002	0.021	0.003	

CHEMICAL COMPOSITION	
CE _{eq} A6	%
0.3	

MECHANICAL PROPERTIES						
YS	UTS	YS	UTS	G/L	G/L	
KSI	KSI	MPa	MPa	Inch	mm	
54.8	71.3	369	481	8.000	200.0	
53.4	69.8	378	491	8.000	200.0	

MECHANICAL PROPERTIES		
Elong	Y/T	
%	%	
24.80	0.765	
28.80	0.769	

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.