



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/S72-50	SHAPE / SIZE WFBEAM SHAPE_1 / 16 X 45# / 410 X 67	
SALES ORDER 149502/000280		LENGTH 40'00"		WEIGHT 3,600 LB	HEAT / BATCH 5905129706	
CUSTOMER PURCHASE ORDER NUMBER 4500282629		BILL OF LADING 1327-0000030550		DATE 12.11.2012		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	
%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.07	0.90	0.016	0.021	0.25	0.35	0.09	0.18	0.031	0.007	0.003	0.029	0.003	

CHEMICAL COMPOSITION	
CEqvA6	%
0.3	

MECHANICAL PROPERTIES					
YS	UTS	YS	UTS	G/L	G/L
KSI	KSI	MPa	MPa	Inch	mm
56.7	74.9	391	517	8.000	200.0
56.7	74.9	391	516	8.000	200.0

MECHANICAL PROPERTIES	
Elong	Y/T ratio
%	%
27.00	0.757
27.00	0.757

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.