



CERTIFICADO DE CALIDAD

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO TRANSPORTE DE GAS RQAN 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		LENGTH 40'00"		WEIGHT 7,200 LB	HEAT / BATCH 5905129903
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 %
0.09	0.93	0.014	0.027	0.24	0.35	0.11	0.16	0.039	0.007	0.002	0.019	0.003

CHEMICAL COMPOSITION

CEqvA6
%
0.3

MECHANICAL PROPERTIES

YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
57.9	75.7	402	527	8.000	200.0
58.3	76.4	400	522	8.000	200.0

MECHANICAL PROPERTIES

Elong. %	Y/T ratio %
27.30	0.763
25.80	0.765

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.