



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_1 / 6 X 8.5# / 150 X 12.7		
SALES ORDER 87463/000010		LENGTH 40'00"		WEIGHT 68,000 LB	HEAT / BATCH S801073202		
CUSTOMER PURCHASE ORDER NUMBER 4500175835		BILL OF LADING 1327-0000011060		DATE 03.07.2012		SPECIFICATION / DATE of 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	0.95	0.013	0.041	0.25	0.25	0.09	0.10	0.029	0.006	0.002	0.022	0.003

CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.3

MECHANICAL PROPERTIES					
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
63.1	77.7	433	534	8.000	200.0
62.8	77.4	435	536	8.000	200.0

MECHANICAL PROPERTIES	
Elong. %	Y/T rati %
23.80	0.811
23.60	0.812

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.