



**CERTIFICADO DE CALIDAD**

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

<b>CUSTOMER SHIP TO</b> TRANSPORTE DE GAS ROAN SA ZVP 16 603 717 GENERAL ESCOBEDO,NL 66052 Mexico		<b>CUSTOMER BILL TO</b> GERDAU CORSA S A P I DE CV CARRETERA MEXICO CD SAHAGUN SN CD SAHAGUN,HGO 43990 Mexico		<b>GRADE</b> 992/572-50	<b>SHAPE / SIZE</b> WFBEAM SHAPE_I / 16 X 45# / 410 X 67	
<b>SALES ORDER</b> 149502/000280		<b>LENGTH</b> 40'00"		<b>WEIGHT</b> 3,600 LB	<b>HEAT / BATCH</b> 5905129803	
<b>CUSTOMER PURCHASE ORDER NUMBER</b> 4500282629		<b>BILL OF LADING</b> 1327-0000030550		<b>DATE</b> 12.11.2012		
<b>SPECIFICATION / DATE or REVISION</b> 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	0.87	0.012	0.034	0.22	0.33	0.10	0.14	0.035	0.007	0.002	0.021	0.005

**CHEMICAL COMPOSITION**

CE<sub>qvA6</sub>  
%  
0.3

**MECHANICAL PROPERTIES**

YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm
56.7	74.4	391	513	8.000	200.0
56.7	74.4	391	513	8.000	200.0

**MECHANICAL PROPERTIES**

Elong %	Y/T ratio %
24.80	0.762
24.80	0.762

**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.