



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 / 6 X 8.5# / 150 X 12.7	
SALES ORDER 87463/000010		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A6/A6M-11		LENGTH 40'00"	WEIGHT 99,280 LB	HEAT / BATCH 5905188302
CUSTOMER PURCHASE ORDER NUMBER 4500175835	BILL OF LADING 1327-0000018459	DATE 20.08.2012				

CHEMICAL COMPOSITION													
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %	
0.07	0.86	0.012	0.050	0.25	0.39	0.10	0.15	0.029	0.007	0.002	0.019	0.004	

CHEMICAL COMPOSITION	
CEqvA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
61.4	75.4	420	517	8.000	200.0	
60.9	74.9	423	520	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	Y/T ratio %	
22.70	0.813	
23.50	0.814	

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.