



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 WFBEM SHAPE_1 / 6 X 8.5# / 150 X 12.7		
SALES ORDER 87463/000010		LENGTH 40'00"		WEIGHT 95,200 LB	HEAT / BATCH 5905077102		
CUSTOMER PURCHASE ORDER NUMBER 4500175835		BILL OF LADING 1327-0000011060		DATE 03.07.2012		SPECIFICATION / DATE or REVISION A572/A572M-07 A992/A992M-11 ASTM A5/A6M-11	

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Su %	V %	Nb %	Al %
0.08	0.84	0.011	0.013	0.22	0.27	0.09	0.10	0.029	0.007	0.002	0.020	0.003

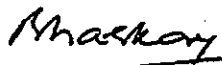
CHEMICAL COMPOSITION
CEqvA6 %
0.3

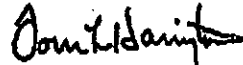
MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
61.4	75.7	420	517	8.000	200.0	
60.9	75.0	423	522	8.000	200.0	

MECHANICAL PROPERTIES		
Elong %	Y/T rail %	
27.30	0.812	
25.90	0.811	

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 YALAMANCHILI
 QUALITY DIRECTOR


 TOM HARRINGTON
 QUALITY ASSURANCE MGR.