



CERTIFICADO DE CALIDAD

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

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 A36/A57250	SHAPE / SIZE CHANNEL SHAPE_C / 12 X 20.7# / 310 X 30.8	
SALES ORDER 74745/000003		LENGTH 40'00"	WEIGHT 171,396 LB	HEAT / BATCH 5905003502		
CUSTOMER PURCHASE ORDER NUMBER 4500115680		BILL OF LADING 1327-0000001771	DATE 24.04.2012	SPECIFICATION / DATE or REVISION A36/A36M-08 A572/A572M-07 ASTM A6/A6M-11		

CHEMICAL COMPOSITION												
C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.08	0.87	0.013	0.037	0.23	0.28	0.08	0.13	0.028	0.006	0.002	0.017	0.003

CHEMICAL COMPOSITION	
CEqvA6 %	
0.3	

MECHANICAL PROPERTIES						
YS KSI	UTS KSI	YS MPa	UTS MPa	G/L Inch	G/L mm	
58.0	74.6	400	515	8.000	200.0	
58.4	75.5	403	521	8.000	200.0	

MECHANICAL PROPERTIES		
Elong. %	Y/F ratio %	
25.00	0.770	
25.50	0.770	

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.