

57240



US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76063
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO FORTACERO SA DE CV 14701 ATLANTA DRIVE LAREDO, TX 78045-7976 USA		CUSTOMER BILL TO FORTACERO SA DE CV BLVD CARLOS SALINAS DE GOTIARI APODACA, NL 66600 Mexico		GRADE 992572-50	SHAPE / SIZE Wide Flange Benn / 12 X 53# / 310 X 79	
SALES ORDER 614082/000300		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 33.920 LB	HEAT / BATCH 59058711/02 ✓
CUSTOMER PURCHASE ORDER NUMBER 4500105846			BILL OF LADING 1327-0000085905	DATE 18.12.2013	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 %	Sp %	V %	Nb %	Al %
0.08	0.86	0.016	0.032	0.22	0.31	0.11	0.15	0.023	0.008	0.001	0.020	0.003

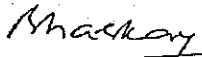
CHEMICAL COMPOSITION	
CE _{eq} A6 %	0.3

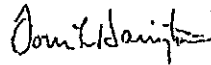
MECHANICAL PROPERTIES					
YS	UTS	YS	UTS	G/L	G/L
KSI	KSI	MPa	MPa	inch	mm
54.3	71.7	387	488	8.000	200.0
56.1	70.8	375	495	8.000	200.0

MECHANICAL PROPERTIES	
Elong.	Y/T ratio
25.60	0.767
25.60	0.782

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. CMTR complies with EN 10204 3.1.


 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR


 TOM HARRINGTON
 QUALITY ASSURANCE MGR