

Steel & Pipe Supply Co.
 Superior Supply & Steel Sulphur
 Customer PO: 189509-08
 Heat: 59070477
 Shipment: 0017037510



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

CUSTOMER SHIP TO
 STEEL & PIPE SUPPLY CO INC
 8815 MISSISSIPPI ST
 HOUSTON, TX 77029-4401
 USA

CUSTOMER BILL TO
 STEEL & PIPE SUPPLY CO INC
 MANHATTAN, P O BOX 66505-1688
 USA

GRADE
 A992/A572-50

LENGTH
 4000"

WEIGHT
 7,680 LB

HEAT / BATCH
 59070477/02

SHAPE / SIZE
 Wide Flange Beam / 10 X 12# / 250

DOCUMENT ID:
 0000022922

CUSTOMER PURCHASE ORDER NUMBER
 G450020075

SALES ORDER
 3680110000010

BILL OF LADING
 1327-0000197944

DATE
 05/06/2016

CUSTOMER MATERIAL N°
 000000003710120040

SPECIFICATION / DATE OF REVISION
 ASTM A309-13A
 ASTM A6-14
 ASTM A992-11, A572-13
 CSA G40.21-13 345W04

CHEMICAL COMPOSITION		C	Mn	P	S	Si	Cr	Ni	Al	Mo	Ca	Nb	Al
		%	%	%	%	%	%	%	%	%	%	%	%
CHEMICAL COMPOSITION		0.12	0.88	0.019	0.026	0.24	0.32	0.11	0.008	0.026	0.002	0.012	0.003
CHEMICAL COMPOSITION		CE/A6											
		0.34											

MECHANICAL PROPERTIES		YS	UTS	YS	UTS	Y/T	GA
		MPa	MPa	MPa	MPa	Ratio	Inch
YS 0.2%		64162	80803	442	557	0.794	8.000
Elong.		200.0	24.60	24.80	8.000		

MECHANICAL PROPERTIES		YS	UTS	YS	UTS	Y/T	GA
		MPa	MPa	MPa	MPa	Ratio	Inch
YS 0.2%		64162	80803	442	557	0.794	8.000
Elong.		200.0	24.60	24.80	8.000		

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10721 3.1.

Shastri
 BHASKAR VALAMANCHILLI
 QUALITY DIRECTOR

David Lawrie
 TOM HARRINGTON
 QUALITY ASSURANCE MGR