

Material Certifications for Shipment December 11, 2017

Bl Num: 81048825

Customer
 Superior Supply & Steel Co.
 P. O. Box 2382
 Sulphur, LA 70664

Ship To
 Superior Supply & Steel HTX
 *7400 Mesa Dr
 WILL CALL - HTX
 Houston, TX 77028-3522

Orders

Order	GA Ord	Width	Length	Description/Part Number	Grade
15565032-1		72	480	Strip Milled Plate 1/4 1/472x480	ASTM A36

Cust PO: 189879

Heat: 861016

Mill ID: 7D58052

Vendor: HESTEEL SERBIA IRON & STEEL LLC - B

Certification # 3890796

Issue Date 07-DEC-17

Carbon Equivalent: .18

Chemical Properties

C	Mn	P	S	Si	Al	B	Cr	Cu	Mo
.16	.109	.013	.007	.016	.032	.00001	.02	.02	.003
N	Nb	Ni	Ti	V					
.006	.001	.001	.001	.003					

Physical Properties

Property	YIELD	TENSILE	ELONG
Mill Test	47 KSI	71 KSI	34.0 IN 2
Internal Test Head			
Internal Test Middle			
Internal Test Tail			

Charpy Properties

Property	CHARPY	IMPACT	IMPACT	IMPACT	AVG FT-
Value	SAMPLE	FT-LBS1	FT-LBS2	FT-LBS3	LBS
Internal Test Head					
Internal Test Middle					
Internal Test Tail					

We certify that the listed information is correct as contained in the records of the company and that all results meet the requirements of the specification cited above. All ASME Section II Part A specifications are 2015 Edition. Certified per UG-10. All Charpy tests are at -20 F unless otherwise indicated.

