

**SMI Steel - Alabama**

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CERTIFIED MILL TEST REPORT

For additional copies call
(800) 621-0262

We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

Christine Selva Colburn
Quality Assurance Manager

HEAT NO.: J13582		S O L D T O	CERTIFIED STEEL		S H I P T O	CERTIFIED STEEL		SHIP#: 100614/42	
SECTION: F 5x1/4 x20'0"			1333 BRUNSWICK PIKE, SUITE 200			199 WHITEHEAD ROAD		BOL #: 146791	
F 127X6.4x6.096			LAWRENCE, NJ 08648-			TRENTON, NJ 08619-		INV #: 8300245382	
GRADE: ASTM A36-00								CUST PO #: 011086	
ASTM A36M-00								CUST P/N:	

CHEMICAL ANALYSIS				PROPERTIES															
		%	MECHANICAL		TEST 1				TEST 2				TEST 3						
					IMPERIAL		METRIC		IMPERIAL		METRIC		IMPERIAL		METRIC				
C		0.14	Yield Strength Tensile Strength Elongation Gauge Length Reduction of Area Bend Test Diameter Charpy Impact Test Temp Sample Size Orientation Hardness		48.8	KSI	336.5	MPA	48.8	KSI	336.5	MPA							
Mn		0.63				70.4	KSI	485.4	MPA	71.0	KSI	489.5	MPA						
P		0.009				36	%	36	%	38	%	38	%						
S		0.034				8	INS	203	MM	8	INS	203	MM						
Si		0.22																	
Cu		0.26																	
Cr		0.14																	
Ni		0.14																	
Mo		0.057																	
Cb		0.001																	
V		0.002																	
Sn		0.010																	
B		0.0000																	
Ti		0.001																	
C.Eq		0.31																	
N		0.0094																	
JOMINY RESULTS - Rockwell C hardness at 1/16th Inch Increments												GRAIN SIZE		INCLUSION RATING					
1	2	3	4	5	6	7	8	9	10	11	12	METHOD	METHOD						
13	14	15	16	18	20	22	24	26	28	30	32	RESULT	TYPE						
													SIZE	T	H	T	H		

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

REMARKS:

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