



Steel Dynamics®
Flat Roll Group

Steel Dynamics Southwest, LLC
8534 Hwy 89
Sinton, TX 78387 United States
Telephone (361) 424-6200

Metallurgical Certification

Cert # 110549 - Cert/Ship Date : 04/27/2023 04:24



Ship To		Arrow Steel Proc, Houston, TX-T 8710 Clinton Dr Port of Houston Houston, TX 77029 United States		Contact	
Coil #		238168696		Coil Alias	
Order #		104456		Heat # B2313180	
Line Item #		19		PO # 25.707 - 19	
Part #					
Alt Part #					
Material Spec.		SA36/A36 conversion to			
Product Desc.		Prime Hot Rolled Band			
Cert Comment		Conversion to - meets chemistry requirements additional testing required			
Surface Treatment					
Length		583 ft		Width	
Weight (A)		44,580 lb		Gauge	
		60.0000 in		Chem Treat	
		0.3650 in Min		Oiled	
				No	
				No	

Ladle Chemical Analysis (%)

C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb	Zr
0.21	0.42	0.006	0.000	0.02	0.023	0.12	0.04	0.05	0.01	0.005	0.011	0.004	0.000	0.000	0.0000	0.003	0.000	0.000

Mechanical Properties (if applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTME	
Cert Mode	Heat	
YieldStrength	54.5 KSI	375.8 MPa
TensileStrength	78.0 KSI	537.8 MPa
TotalElongation	26 %	

P.O. # P02742540-06
3/8" 60 x 120
HEAT # B2313180

Dmitry Svetlov
Dmitry Svetlov
Metallurgist

Shipped from Sinton, TX, USA

Melted, thin slab cast and rolled by proud Americans in Sinton, TX, USA.

SDI does not weld or repair Prime Hot Rolled Band products.

All tests were performed according to applicable standards and are correct as contained in the records of the company.