



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

Metallurgical Certification

Cert # 112829 - Cert/Ship Date : 05/05/2023 09:07



Ship To	Arrow Steel Proc, Houston, TX-T 8710 Clinton Dr Port of Houston Houston, TX 77029 United States		<u>Contact</u>	
			<u>Contact</u>	
Length	448 ft	Width	60.0000 in	
Weight (A)	46,081 lb	Gauge	0.4900 in Min	
		Chem Treat	No	
		Oiled	No	

Coil #	238170030	Coil Alias	
Order #	104456	Heat #	B2314160
Line Item #	22	PO #	25.707 - 22
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			

Ladle Chemical Analysis (%)

C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb	Zr
0.21	0.50	0.006	0.000	0.04	0.031	0.10	0.04	0.06	0.01	0.005	0.010	0.005	0.000	0.001	0.0000	0.003	0.000	

Mechanical Properties (if applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTME	
Cert Mode	Heat	
YieldStrength	53.5 KSI	368.9 MPa
TensileStrength	73.5 KSI	506.8 MPa
TotalElongation	36 %	

P.O. # P0242539-08
 1/2" 60x120
 HEAT # B2314160

Dmitry Tsvetkov
 Dmitry Tsvetkov
 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.