



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

Metallurgical Certification

Cert # 71196 - Cert/Ship Date : 10/29/2022



Ship To		Contact	
Sold To		Contact	
Length	1,621 ft. / 494 m	Width	48.0000 in. / 1,219 mm
Weight (A)	48,429 lbs / 21,967.0249 kg	Gauge	0.1770 in. / 4.50 mm Min
		Chem Treat	No
		Oiled	No

Coil #	22B120450	Coil Alias	
Order #	102823	Heat #	B2213540
Line Item #	3	PO #	4859 - 3
Part #			
Alt Part #			
Material Spec.	ASTM A36 conversion to - 19		
Product Desc.	Prime Hot Rolled Band		
Cert Comment	Conversion to - meets chemistry requirements additional testing required		
Surface Treatment			

Ladle Chemical Analysis (%)

C	0.22	Mn	0.42	P	0.005	S	0.003	Si	0.02	Al	0.023	Cu	0.08	NI	0.03	Cr	0.05	Mo	0.01	Sn	0.004	N	0.008	V	0.004	Nb	0.001	Ti	0.000	B	0.0000	Ca	0.002	Pb	0.000	Zr	
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Mechanical Properties (if applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTME	
Cert Mode	Heat	
YieldStrength	47.0 KSI	324.1 MPa
TensileStrength	72.0 KSI	496.4 MPa
TotalElongation	31 %	

LO# 38980
 3/16 x 48 HR
 Heat# B2213540

Shirley Sinton
 Quality Invention
 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.