



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

Metallurgical Certification

Cert # 65853



<u>Contact</u>				
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Length	746 ft. / 227 m	Width	60.0000 in. / 1,524 mm	Chem Treat No
Weight (A)	47,148 lbs / 21,385.9731 kg	Gauge	0.3030 in. / 7.70 mm Min	Oiled No

Coil #	22B117582	Coil Alias	
Order #	102823	Heat #	B2211710
Line Item #	6	PO #	4859 - 6
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	Mn	P	S	SI	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb	Zr
0.21	0.44	0.008	0.005	0.02	0.027	0.11	0.04	0.05	0.01	0.004	0.009	0.004	0.000	0.000	0.0000	0.002	0.000	

Mechanical Properties (If applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTME	
Cert Mode	Heat	
YieldStrength	56.0 KSI	386.1 MPa
TensileStrength	80.0 KSI	551.6 MPa
TotalElongation	23 %	

LO# 39871
5/16 x 60 HR
Heat# B2211710

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.