



# Metallurgical Certification

## Cert # 90574 - Cert/Ship Date : 1/30/2023

7.5.2023 10:55 AM

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



Coil #	238153713	Coil Alias	
Order #	104927	Heat #	B2303220
Line Item #	11	PO #	25.738 - 11
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			

Contact			
Houston, TX 77029 United States			
Houston, TX 77056 United States			
Length	1,082 ft. / 330 m	Width	48.0000 in. / 1,219 mm
Weight (A)	43,720 lbs / 19,831.0584 kg	Gauge	0.2400 in. / 6.10 mm   Min
		Chem Treat	Oiled

C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb	Zr
0.21	0.43	0.006	0.004	0.03	0.032	0.08	0.03	0.04	0.01	0.005	0.007	0.004	0.000	0.001	0.0000	0.002	0.000	

### Ladle Chemical Analysis (%)

### Mechanical Properties (if applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTM	
Cert Mode	Heat	
YieldStrength	53.8 KSI	370.9 MPa
TensileStrength	75.1 KSI	517.8 MPa
TotalElongation	25 %	

*Dmitry Svetkov*  
Dmitry Svetkov  
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.

PO # 10239548-01  
1/4" 48 x 96  
HEAT # B2303220