



# Metallurgical Certification

Cert # 111907 - Cert/Ship Date : 05/02/2023 10:29

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



Coil #	23B170031	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			

Length	454 ft	Width	60.0000 in	Chem Treat	No
Weight (A)	46,619 lb	Gauge	0.4900 in   Min	Oiled	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	0.50	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	

*Dmitry Svetkov*  
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Metallurgist

### 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. # P0242371-06  
1/2" 60 x 120  
HEAT # B2314160

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.