



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

# Metallurgical Certification

## Cert # 10640

Ship To	<u>Contact</u>				
Sold To	<u>Contact</u>				
<b>Length</b>	614 ft. / 187 m	<b>Width</b>	60.0000 in. / 1,524 mm	<b>Chem Treat</b>	No
<b>Weight</b>	46,275 lbs / 20,989.97 kg	<b>Gauge</b>	0.3650 in. / 9.27 mm   Min	<b>Oiled</b>	No

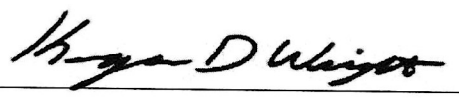
<b>Coil #</b>	22B101711	<b>Coil Alias</b>	
<b>Order #</b>	101046	<b>Heat #</b>	A2201670
<b>Line Item #</b>	14	<b>PO #</b>	25.429 - 14
<b>Part #</b>			
<b>Alt Part #</b>			
<b>Material Spec.</b>	SA36/A36 'conversion to'		
<b>Product Desc.</b>	Prime Hot Rolled Band		
<b>Cert Comment</b>	Conversion to - meets chemistry requirements additional testing required		
<b>Surface Treatment</b>			

### Ladle Chemical Analysis (%)

C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	v	Nb	Ti	B	Ca	Pb	Zr
0.06	0.72	0.011	0.003	0.02	0.030	0.12	0.04	0.08	0.01	0.007	0.009	0.002	0.002	0.000	0.0002	0.002	0.000	

### Mechanical Properties (if applicable)

Sample 1	English	Metric
<b>Sample Direction</b>	Transverse	
<b>Tensile Direction</b>	Transverse	
<b>Testing Standard</b>	ASTME	
<b>Cert Mode</b>	Heat	
<b>YieldStrength</b>	50.0 KSI	344.7 MPa
<b>TensileStrength</b>	65.0 KSI	448.2 MPa
<b>TotalElongation</b>	31 %	

  
 Keegan Wright  
 Metallurgist

Shipped from Sinton, TX,

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.

P.O.# P0236313-15  
 3/8" 60x 120  
 HEAT # A2201670