



Metallurgical Certification

Cert # 69118 - Cert/Ship Date : 10/27/2022

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



Coil #	22B120111	Coil Alias	
Order #	103077	Heat #	B2213340
Line Item #	7	PO #	25.646 - 7
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			

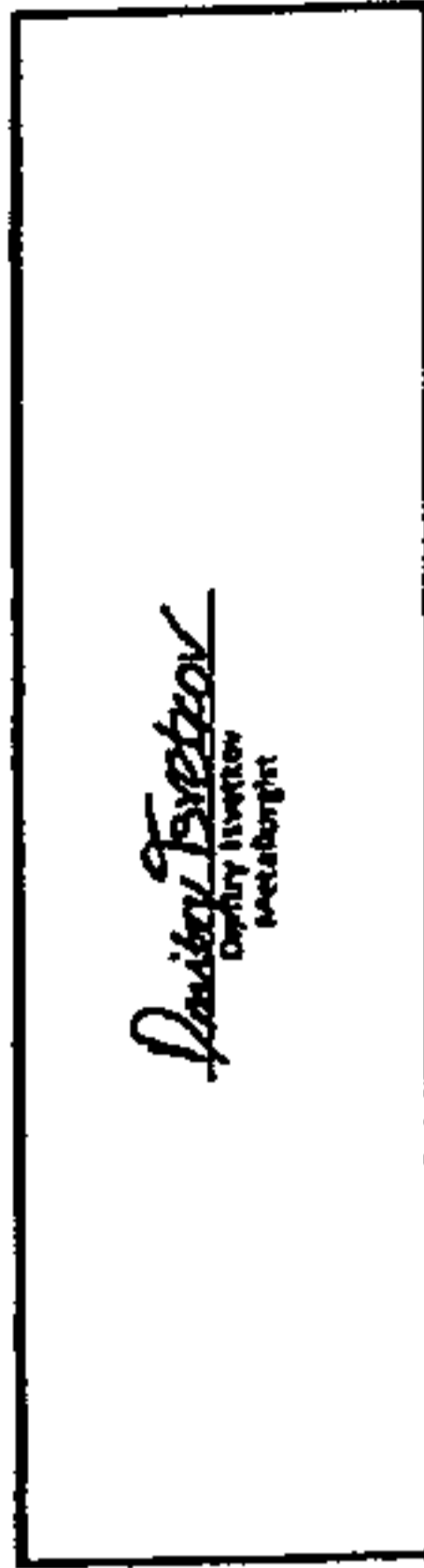
Arrow Steel Proc, Houston, TX-T		Contact	
8710 Clinton Dr Port of Houston Houston, TX 77029 United States		Contact	
Houston, TX 77056 United States		P.O. # SW-131403 1/2V BXL240 HEAT # B2213340	
Length	370 ft / 113 m	Width	72.0000 in. / 1,829 mm
Weight (A)	45,148 lbs / 20,476.7883 kg	Gauge	0.4900 in. / 12.45 mm Min
		Chem Treat	No
		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	0.43	0.013	0.004	0.02	0.029	0.10	0.03	0.09	0.01	0.004	0.009	0.004	0.000	0.001	0.0000	0.002	0.000	0.000

Mechanical Properties (If applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTME	
Cert Mode	Heat	
YieldStrength	53.0 KSI	365.4 MPa
TensileStrength	77.0 KSI	530.9 MPa
TotalElongation	30 %	



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.



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

Metallurgical Certification

Cert # 69105 - Cert/Ship Date : 10/26/2022

Arrow Steel Proc, Houston, TX-T 8710 Clinton Dr Port of Houston Houston, TX 77029 United States		Contact P.O. # SSW-131620 1/2 X 72 X 144 / 240 HR PLATE HEAT # B2213340	
Houston, TX 77056 United States		Contact	
Length	380 ft. / 116 m	Width	72.0000 in. / 1,829 mm
Weight (A)	46,288 lbs / 21,000.8731 kg	Gauge	0.4900 in. / 12.45 mm Min
		Chem Treat	No
		Offed	No

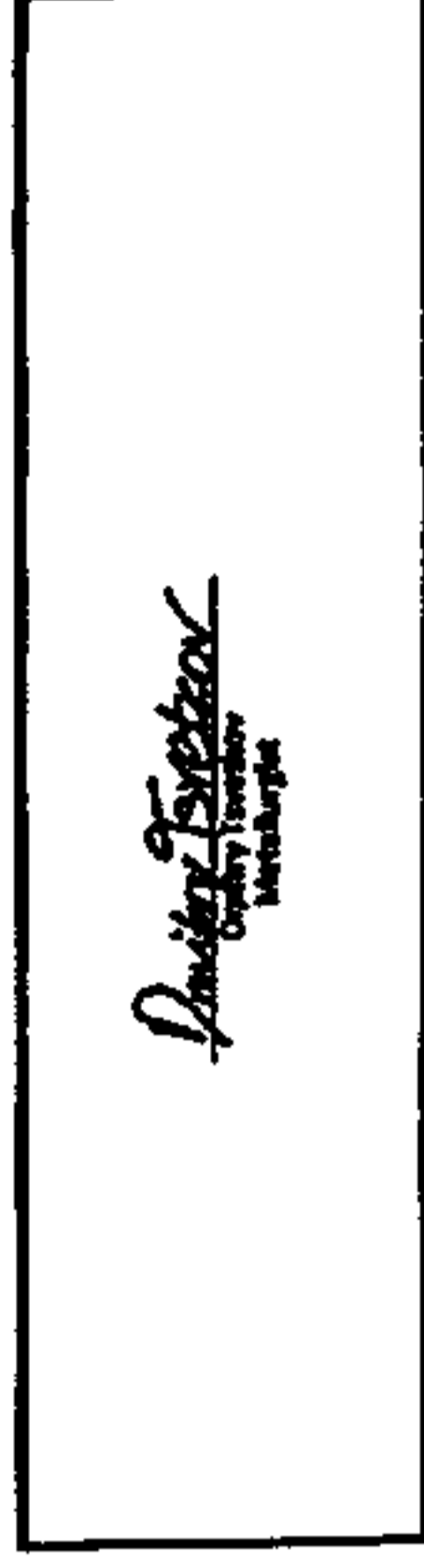
Cell #	228120110	Cell Alias	
Order #	103077	Heat #	B2213340
Line Item #	7	PO #	25.646 - 7
Part #			
Alt Part #			
Material Spec.	SA36/A36 conversion to		
Product Desc.	Prima Hot Rolled Band		
Cert Comment	Conversion to - meets chemistry requirements additional testing required		
Surface Treatment			

Ladle Chemical Analysis (%)

C	0.21	Mn	0.43	P	0.013	S	0.004	Si	0.02	Al	0.029	Cu	0.10	Ni	0.03	Cr	0.09	Mo	0.01	Sn	0.004	Nb	0.000	Ti	0.001	B	0.000	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	ASTM	
Cert Mode	Heat	
Yield Strength	53.0 KSI	365.4 MPa
Tensile Strength	77.0 KSI	530.9 MPa
Total Elongation	30 %	



Skipped from Sinton, TX, USA
Melted, thin slab cast and rolled by proud Americans in Sinton, TX, USA.
SDI does not weld or repair Prima Hot Rolled Band products.
All tests were performed according to applicable standards and are correct as contained in the records of the company.