



CERTIFICATE OF ANALYSIS

Cert Number 35749-7
 Test Reference 42616
 1/17/2019

NORTH SHORE SUPPLY CO INC
 PO BOX 9940
 HOUSTON, TX 77213

Sold To: NORTH SHORE SUPPLY CO INC, PO BOX 9940, HOUSTON, TX 77213
 Ship To: NORTH SHORE STEEL, 12929 MARKET STREET, HOUSTON, TX 77015

		Reference	
Customer	710560/0	Your Order	313431 (1/8/2019)
Our Order	17825-3-1	Packing List	35749-1 (1/17/2019)

Product Information		Heat	Tag	Pcs	LBS
TEMPERED LEVELED PLATE A36 0.5000" x 96" x 240"		E8C240	19877E	1	3,268

Chemical Composition							C.E.: 0.2924	D.I.: 0
C	Mn	Si	P	S	Cr	Ni	Mo	
0.18	0.28	0.17	0.01	0.003	0.12	0.14	0.05	
Cu	Al	N	V	Ti	Cb	CbV		
0.33	0.027	0.0073	0.002	0.02	0.006	0.008		

Physical Tests			
YIELD - H (T)	TENSILE - H (T)	ELONGATION - H (T)	YIELD - M (T)
52.1 KSI	72.3 KSI	27 %	49.3 KSI
TENSILE - M (T)	ELONGATION - M (T)		
67.8 KSI	30.5 %		

Product of Coil



CERTIFICATE OF ANALYSIS

Cert Number 35749-7
Test Reference 43735

1/17/2019

NORTH SHORE SUPPLY CO INC
 PO BOX 9940
 HOUSTON, TX 77213

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Ship To: NORTH SHORE STEEL, 12929 MARKET STREET, HOUSTON, TX 77015

		Reference	
Customer	710560/0	Your Order	313431 (1/8/2019)
Our Order	17825-3-1	Packing List	35749-1 (1/17/2019)

Product Information		Heat	Tag	Pcs	LBS
TEMPERED LEVELED PLATE A36 0.5000" x 96" x 240"		183641	20274M	1	3,268

Chemical Composition							C.E.: 0.3298	D.I.: 0
C	Mn	Si	P	S	Cr	Ni	Mo	
0.17	0.86	0.13	0.021	0.004	0.045	0.023	0.007	
Cu	Al	V	Ti	Cb	CbV			
0.062	0.057	0.002	0.002	0.002	0.004			

Physical Tests			
YIELD - H (T)	TENSILE - H (T)	ELONGATION - H (T)	YIELD - M (T)
49.7 KSI	67.4 KSI	28.5 %	49.4 KSI
TENSILE - M (T)	ELONGATION - M (T)		
68.3 KSI	34 %		

Product of Coil