



Certificate Nr 1643/5-2007
 Advice Nr A1405148

Inspection Certificate 3.1
 according to ASTM A6

SWT

A01 Stahlwerk Thüringen GmbH
A05 Qualitätsstelle
 Kronacher Straße 6
 07333 Unterwellenborn
 Germany

A08 Order Nr: 1700005933
A07 Customer Nr: 2456

B02 Quality: A36/A572 DUAL
 according to: ASTM A36/ASTM A572 GR50
 DUAL CERTIFICATION

A04
A06

Arcelor International America, LLC
 Mill business, Long Products
 350 Hudson Street
 10014 NEW YORK
 UNITED STATES OF AMERICA

Lot Nr	Heat Nr	Dimension	Length	Pieces	Weight [t]	Customer Nr
A10	B07	B01	B09	B08	B13	A11
001	47853	W 10X4X12	40'	24	5.225	
001	47854	W 10X4X12	40'	34	7.402	

Heat Analysis [%]									
Heat Nr	C	Si	Mn	P	S	N	Nb	V	
B07	C71	C72	C73	C74	C75	C76	C77	C78	
max	0.20	0.40		0.040	0.050		0.050		
min							0.005		
47853	0.09	0.21	1.13	0.019	0.020	0.008	0.012	0.009	
47854	0.09	0.20	1.15	0.019	0.019	0.007	0.016	0.008	

Tensile test				
Heat Nr	Yield stress [PSI]	Tensile strength [PSI]	Elongation 50 mm [%]	Ys/Ts
B07	C11	C12	C13	C14
max		80000		
min	50000	65000	21.0	
47853	51040	73370	40.9	0.70
47854	53940	73950	43.6	0.73

Z03 Works inspector
 Renate Schmidt

Renate Schmidt

Z02 May 15, 2007