



AG3

Certificate Nr 2106/6-2007

Advice Nr A1706046

1/1

AG2

Inspection Certificate 3.1

according to ASTM A6

35581

A01

Stahlwerk Thüringen GmbH

A05

Qualitätsstelle

Kronacher Straße 6

07333 Unterwellenborn

Germany

A04

SWT

A06

Arcelor International America, LLC

Mill business, Long Products

350 Hudson Street

10014 NEW YORK

UNITED STATES OF AMERICA

3961

A08

Order Nr: 1700005963

A07

Customer Nr: CP 50307

B02

Quality: A992 DUAL

according to: ASTM A992/98 - A572 GR50

PER AISC TB3 - ASTM A572/97C GR50

FINE GRAIN SILICON KILLED

Lot Nr	Heat Nr	Dimension	Length	Pieces	Weight [t]	Customer Nr
A10	B07	B01	B09	B08	B12	A11
002	49014	C 10X20	12200 mm	48	17.430	
002	49015	C 10X20	12200 mm	84	30.502	

CA25430

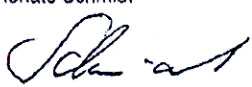
Heat Analysis [%]										
Heat Nr	C	Si	Mn	P	S	N	Nb	V	Cr	Cu
B07	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80
max	0.23	0.40	1.50	0.035	0.045	0.012	0.050	0.110	0.35	0.60
min		0.10	0.50				0.005			
49014	0.08	0.19	1.07	0.019	0.030	0.007	0.014	0.007	0.09	0.36
49015	0.09	0.20	1.13	0.023	0.029	0.008	0.016	0.007	0.11	0.34

Heat Analysis [%]				
Heat Nr	Ni	Mo	CEV1	Sn
B07	C81	C82	C93	C93
max	0.45	0.15	0.45	
min				
49014	0.14	0.03	0.31	0.017
49015	0.14	0.03	0.34	0.017

Tensile test				
Heat Nr	Yield stress [PSI]	Tensile strength [PSI]	Elongation 50 mm [%]	Ys/Ts
B07	C11	C12	C13	C14
max	65000			0.85
min	50000	85000	21.0	
49014	53795	74240	40.9	0.72
49015	53940	72210	42.2	0.75

B14

Z03 Works inspector  
Renate Schmidt



Z02 Jun.18, 2007