



STAHLWERK THÜRINGEN
Grupo Alfonso Gallardo

Certificate Nr 2338/1-2008 1 / 1
Advice Nr G2101054

Test Report
according to EN 10204:2004/2.2.

SWT

Plesa Anahuac y Cias, S.A. de C.V.
Colonia San Francisco Chilpan
Av. Valle de las Alamedas N°66
54490 Tultitlan
MEXICO

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

A08 Order Nr: 2000525107
A07 Customer Nr:

B02 Quality: GRADE 50
according to: ASTM A572M

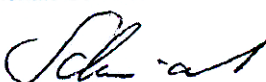
Lot Nr	Heat Nr	Dimension	Length	Pieces	Weight [t]	Customer Nr
A10	B07	B01	B09	B08	B13	A11
003	54960	C 10X25	12192 mm	8	3.570	
003	54961	C 10X25	12192 mm	88	39.390	
003	54962	C 10X25	12192 mm	8	3.585	

Heat Analysis [%]								
Heat Nr	C	Si	Mn	P	S	N	Nb	V
B07	C71	C72	C73	C74	C75	C76	C77	C78
max	0.23	0.40		0.040	0.050		0.050	0.150
min							0.005	
54960	0.08	0.23	1.16	0.031	0.022	0.007	0.015	0.007
54961	0.09	0.20	1.18	0.020	0.022	0.007	0.015	0.007
54962	0.08	0.23	1.16	0.031	0.022	0.007	0.015	0.007

Tensile test				
Heat Nr	Yield stress [PSI]	Tensile strength [PSI]	Elongation 50 mm [%]	Ys/Ts
B07	C11	C12	C13	C14
max		65000	21.0	
min	50000	78300	43.6	0.65
54960	50750	78300	43.6	0.65
54961	54665	76125	39.6	0.72
54962	55535	74965	40.9	0.74

B14 Material for galvanization. Si: 0.15% - 0.25%

Z03 Works inspector
Renate Schmidt



Z02 Jan 21, 2008