



STAHLWERK THÜRINGEN
Grupo Alfonso Gallardo

A03 **Certificate Nr 2332/1-2008** 1/1
Advice Nr G2101048

A02 **Test Report**
according to EN 10204:2004/2.2.

A04 **SWT**

A06
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
001	54970	C 12X25	12192 mm	32	14.080	
001	54971	C 12X25	12192 mm	48	21.560	

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	
54970	0.09	0.21	1.17	0.021	0.020	0.006	0.019	0.011
54971	0.08	0.20	1.14	0.023	0.029	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			
54970	55390	76850	40.9	0.72
54971	70615	72790	39.6	0.97

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

Z03 Works inspector
Renate Schmidt



Z02 Jan 21, 2008