



A03 Certificate No. 2422/9-2012 1/2  
Advice No. A120926091

A02 Test Report  
according to ASTM A6

A01 Stahlwerk Thüringen GmbH  
A05 Quality Assurance Department  
Kronacher Straße 6  
07333 Unterwellenborn  
Germany

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

A08 Our Order No.: 2030592112  
A07 Your Order No.: TAC 150

B02 Quality: A36/A572 DUAL  
according to: PRODUCED TO ASTM A36  
AND ASTM A572 GRADE 50

Pos.	Heat No.	Dimension	Length	Pieces	Weight
A10	B07	B01	B09	B08	B13
001	25583	C 10X15,3	480 in	108	29 795 kg
001	25584	C 10X15,3	480 in	180	49 450 kg
001	25585	C 10X15,3	480 in	54	14 910 kg
001	25586	C 10X15,3	480 in	173	47 955 kg
002	25554	C 10X20	480 in	84	30 665 kg
002	25555	C 10X20	480 in	126	45 995 kg
002	25556	C 10X20	480 in	60	21 835 kg
003	25530	C 12X20,7	480 in	112	42 065 kg
003	25531	C 12X20,7	480 in	126	47 265 kg
003	25532	C 12X20,7	480 in	154	57 245 kg
003	25533	C 12X20,7	480 in	28	10 410 kg
004	25525	C 12X25	480 in	90	40 855 kg
004	25526	C 12X25	480 in	25	11 420 kg
005	25542	C 12X30	480 in	90	48 775 kg

Heat Analysis [%]								
Heat No.	C	Si	Mn	P	S	N	Nb	V
B07	C71	C72	C73	C74	C75	C76	C77	C78
max		0.40		0.040	0.050		0.050	
min							0.005	
25525	0.08	0.20	1.15	0.016	0.021	0.008	0.015	0.009
25526	0.09	0.21	1.12	0.018	0.025	0.008	0.014	0.009
25530	0.09	0.21	1.15	0.020	0.021	0.006	0.015	0.009
25531	0.09	0.20	1.15	0.022	0.023	0.007	0.014	0.009
25532	0.08	0.21	1.17	0.023	0.023	0.009	0.013	0.009
25533	0.09	0.21	1.14	0.019	0.021	0.007	0.014	0.009
25542	0.08	0.21	1.17	0.013	0.026	0.010	0.016	0.009
25554	0.09	0.19	1.14	0.016	0.026	0.006	0.014	0.009
25555	0.09	0.20	1.15	0.017	0.024	0.006	0.014	0.009
25556	0.07	0.21	1.14	0.015	0.019	0.006	0.013	0.009
25583	0.09	0.20	1.15	0.027	0.024	0.006	0.016	0.009
25584	0.08	0.21	1.16	0.026	0.024	0.007	0.015	0.008
25585	0.09	0.19	1.16	0.024	0.029	0.007	0.015	0.009
25586	0.09	0.21	1.16	0.021	0.025	0.008	0.015	0.009

Z03 Works inspector  
René Merbach

Z02 Sep 27, 2012



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Tensile test (ISO6892-1: B20)

Heat No.	Yield stress [PSI] [C11]	Tensile strength [PSI] [C12]	Elongation 2 in [%] [C13]	Ys/Ts [C14]
max		80000		
min	50000	65000	21.0	
25525/1	53215	73515	40.9	0.72
25525/2	55825	73080	42.9	0.76
25526/1	53795	72210	42.2	0.74
25526/2	56405	72645	43.6	0.78
25530/1	54665	74240	42.2	0.74
25530/2	56260	73225	42.9	0.77
25531/1	53650	74095	43.6	0.72
25531/2	55825	73515	42.2	0.76
25532/1	54230	74530	42.2	0.73
25532/2	55680	73080	42.9	0.76
25533/1	52490	72645	39.6	0.72
25533/2	55825	72935	42.9	0.77
25542/1	54085	70615	43.6	0.77
25542/2	55535	73805	42.9	0.75
25554/1	51765	69310	46.2	0.75
25554/2	55390	72790	43.6	0.76
25555/1	55535	73225	39.6	0.76
25555/2	55680	73080	42.9	0.76
25556/1	52345	70470	44.9	0.74
25556/2	53650	72355	42.9	0.74
25583/1	54665	72935	42.2	0.75
25583/2	56550	73370	42.9	0.77
25584/1	54665	75980	38.3	0.72
25584/2	55680	73370	42.9	0.76
25585/1	53360	72210	40.9	0.74
25585/2	55245	73225	42.9	0.75
25586/1	52635	74240	42.2	0.71
25586/2	55970	73370	42.2	0.76

Z01 We confirm herewith that the delivered material complies with the terms of the order.

Z03 Works inspector  
René Merbach

Z02 Sep 27, 2012