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DILLINGER HÜTTE

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A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1.B AS PER EN 10204:1991+A1:1995 + AS PER ISO 10474:1991 MATERIAL TEST REPORT (MTR)		A10 Advice of dispatch No./ Date of dispatch 358337-23.04.10	A08 Manufacturer's order/ A03 Certificate No. 354471-014	Sheet 1/...
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A05 Established inspecting body DH	A06 Purchaser Final receiver	A07.1 No. G10-1647/1200	A07.2 No.	B01 Product HOT ROLLED PLATES
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B02/ Steel design. S355J2+N	UN15:REV.1
B03 Any suppl. requirements DIN-EN10025-2:05	AD2000-W1:06

B01-B99 Description of the product

B14 Item No.	B08 Number of pieces	B09 Thickness	B10 Width	B11 Length	B12 Theoretical mass	B04 Product delivery condition	B07.2 Heat No.	B07.1 Rolled plate No./ Test No.	A09 Purchaser article number
			MM		KG				
06	1	80,00	x 2000	x 12000	15072	N	344844	74345-01	G10-1647/1200-07
10	1	85,00	x 2500	x 12000	20018	N	344842	74365-01	G10-1647/1200-12
	2				35090				

B06 Marking of the product

ITEM NO.: 03,06,09-12

STEEL DESIGNATION S355J2+N

HEAT NO. / TRADEMARK / ROLLED PLATE NO.-TEST NO. / INSPECTOR'S STAMP

C10-C29 Tensile test

B14 Item No.	B07.2 Heat No.	B07.1 Rol. plate/ Test No.	B05 Reference (heat) treatment	C01	C02/ C01	C03 Temp. G.R.C.	C10 MPA REH	C11	C12 RM	C13	A % LD-5D	C14-C15
03	344842	74420	*	K4	Q	RT	396		556		28	
06	344844	74345	*	K4	Q	RT	384		545		28	
09	344842	74350	*	K4	Q	RT	368		549		27	
10	344842	74365	*	K4	Q	RT	398		550		27	
11	344842	74351	*	K4	Q	RT	392		539		26	
12	344844	74340	*	K4	Q	RT	392		547		26	
12	344844	74348	*	K4	Q	RT	399		545		25	

A04 Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.



QM-System: Certification as per ISO 9001

B. MUELLER



AG der Dillinger Hüttenwerke
Postfach 1580, D-66748 Dillingen/Saar

Inspection department

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11-07-2011



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A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1.B AS PER EN 10204:1991+A1:1995 + AS PER ISO 10474:1991 MATERIAL TEST REPORT (MTR)		A10 Advice of dispatch No./ Date of dispatch 358337-23.04.10	A08/ Manufacturer's order/ A03 Certificate No. 354471-014	Sheet 2/...
A05 Established inspecting body DH	A06 Purchaser Final receiver	A07.1 No. G10-1647/1200	B01 Product HOT ROLLED PLATES	
B02/ Steel design. S355J2+N	UN15:REV.1			
B03 Any suppl. requirements DIN-EN10025-2:05	AD2000-W1:06			

C40-C49 Impact test

B14 Item No.	B07.2 Heat No.	B07.1 Rol.plate/ Test No.	B05 Reference (heat) treatment	C01	C02/ C01	C03 Temp. GR.C	C41 Width of test piece	C40 Type of test piece	C44 Testing method	C46 Energy Joule	C45 AV#J	C42 individual values			C43 Mean value
03	344842	74420	*	K4	LO	-20		CHP-V		750	AV	193	192	191	192
			*	K4	LO	-40		CHP-V		750	AV	172	138	153	154
06	344844	74345		K4	LO	-20		CHP-V		750	AV	135	149	152	145
				K4	LO	-40		CHP-V		750	AV	112	125	139	125
09	344842	74350	*	K4	LO	-20		CHP-V		750	AV	168	159	141	156
			*	K4	LO	-40		CHP-V		750	AV	117	99	126	114
10	344842	74365		K4	LO	-20		CHP-V		750	AV	199	150	164	171
				K4	LO	-40		CHP-V		750	AV	166	149	120	145
11	344842	74351	*	K4	LO	-20		CHP-V		750	AV	162	165	138	155
			*	K4	LO	-40		CHP-V		750	AV	112	84	105	100
12	344844	74340	*	K4	LO	-20		CHP-V		750	AV	181	170	172	174
			*	K4	LO	-40		CHP-V		750	AV	103	152	110	122
12	344844	74348	*	K4	LO	-20		CHP-V		750	AV	159	170	167	165
			*	K4	LO	-40		CHP-V		750	AV	136	89	119	115

C40-C49 Further information about impact test

ITEM NO.: 03,06,09-12
IMPACT TEST BY -40 GR.C ONLY FOR INFORMATION.

C70-C99 Chemical composition % - Heat analysis

B07.2 Heat	C70	C	SI	MN	P	S	N	CU	MO	NI	CR	V	NB	TI	AL-T
344842	Y	0,166	0,503	1,56	0,011	0,0009	0,0044	0,026	0,013	0,041	0,029	0,000	0,023	0,003	0,047
344844	Y	0,164	0,487	1,54	0,012	0,0009	0,0047	0,023	0,015	0,031	0,032	0,001	0,024	0,003	0,050

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QM-System: Certification as per ISO 9001



B. MOELLER



AG der Dillinger Hüttenwerke
Postfach 1580, D-66748 Dillingen/Saar

A01

Inspection department



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A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1.B AS PER EN 10204:1991+A1:1995 + AS PER ISO 10474:1991 MATERIAL TEST REPORT (MTR)		A10 Advice of dispatch No./ Date of dispatch 358337-23.04.10	A08/ Manufacturer's order/ A03 Certificate No. 354471-014	Sheet 3/...
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B02/ Steel design S355J2+N	UN15:REV.1			
B03 Any suppl. requirements DIN-EN10025-2:05	AD2000-W1:06			
C94 Heat analysis Carbon equivalent / Alloying restrictions				
B07.2 Heat				
344842	FO-02=	0,44		
344844	FO-02=	0,43		
C94 Carbon equivalent formula / Alloying restrictions				
FO-02 = C+(MN/6)+(CR+MO+V)/5+(NI+CU)/15				
D01 Marking and identification, surface appearance, shape and dimensional properties				
ITEM NO.: 03,06,09-12				
RESULT OF MARKING, SURFACE, SHAPE AND DIMENSIONS: NO REMARKS				
SURFACE AS PER DIN-EN10163-A1				
THICKNESS AS PER DIN-EN10029-B				
LENGTH AND WIDTH AS PER DIN-EN10029				
FLATNESS AS PER DIN-EN10029-T4L				
A04	2012/202/203 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.			A01
	QM-System: Certification as per ISO 9001			
				AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar
	B. MUELLER		Inspection department	

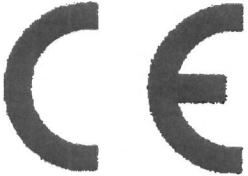






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B02/ Steel design. S355J2+N	UN15:REV.1		B01 Product HOT ROLLED PLATES	
B03 Any suppl. requirements	DIN-EN10025-2:05		AD2000-W1:06	

Z04 CE-marking

ITEM NO.: 03,06,09-12

 0769	EN 10025-1 Hot rolled structural steel products. Intended uses: Building constructions or civil engineering. Tolerances on dimensions and shape: Plate DIN-EN10029-B Elongation Tensile strength Yield strength Impact strength Weldability Durability: No performance determined. Regulated substance: No performance determined.
 DILLINGER HÜTTE AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar 10 0769-CPD-052091	Steel S355J2+N - DIN-EN10025-2:05

A04	Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order. QM-System: Certification as per ISO 9001	A01
	 B. MUELLER	 AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department