

A01 Tata Steel IJmuiden BV Nenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail : info.testing@tatasteel.com	A07.A09 Reference 32779	A02 Inspection certificate 3.1, EN10204. B01.B02.B03.B04.B15	TATA STEEL																												
A03 Doc. nr 2015073593 00	Hot rolled dry, Coil, S355MC, YMPRESS WG S. Mill edges. Suitable for: Cutting into sheet.	A10 Transport ROBIJN																													
A06 Customer/Consignee OY ALUSTEEL AB TELAKKATIE 4  23500 UUSIKAUPUNKI FINLAND	Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.19/-0.19 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2	Z04																													
A08 Order nr. 53947 B	A11 Dispatch note 67326	A10 Transport ROBIJN																													
B09.B10.B11 Dimensions 1500 mm X 10 mm	C10-C29 TENSILE TEST	HARD-NESS	C40.C60.C65 IMPACT TEST AND OTHER TESTS																												
B07 PROD.-IDENT	B15 MASS kg	B08 NR	B07 CAST NR.	C01	C01/C02	C10	B05	C05 Temp °C	C11 ReH MPa	C11 ReL MPa	C11 Rp MPa	C12 Rm MPa	C13 A %	C13 A %	C16 ReH/Rm %	C17 r-value	C18 n-value	C32	C01/C02	C10	B05	C41 mm	C40.C60.C65	C05 Temp °C	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean	C95 ASTM E-112	
1989126	31740	1	R3997	32	1L	P		+ 20	443			517	29.1		86																
1989124	31680	1	R3999	32	1L	P		+ 20	427			517	27.6		83																
1989125	31680	1	"	32	1L	P		+ 20	421			514	26.9		82																
1989127	31800	1	"	32	1L	P		+ 20	431			518	26.7		83																
TOTAL	126900	4																													
C71-C92 CHEMICAL COMPOSITION in %	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb	C82 V	C83 N	C84 B	C85 C-eq	C86 Al-ZO	C87 Sn	C88 Ti	C89 C-eq	C44 1: J/cm <sup>2</sup> 2: J 3: Later. exp. (mm)	C44 4: Contraction (%) 5: Shear area (%)										
R3997	.058	1.331	.013	.001	0.022	0.035	.011	0.019	0.017	.003	.035	.006	.0038	.0000		0.033	.004	.002	.287	C01 1:1=Top 2:Middle 3=Bottom	C02 1=Surface 2=Middle 3=Surface	C03 L=Longitudinal T=Transverse Z=in Thick dir D=Diagonal dir	C10 P=prismatic C=cylindrical								
R3999	.062	1.321	.011	.002	0.019	0.037	.019	0.019	0.018	.003	.035	.004	.0036	.0000		0.036	.004	.002	.290	C-eq: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15											
Z05	B06	A04																		Z05 Stamp of the expert :	Z02 Tata Steel IJmuiden BV Test House, IJmuiden  SIMON BRAAM MANAGER TESTING  IJMUIDEN, 6 NOVEMBER 2015										
Z01 We certify that the delivery complies with the order prescriptions.																															