

001 Tata Steel IJmuiden BV Boekbinderstraat 1 1951 JZ Volkenoord Postbus 19488 1978 GA IJmuiden the Netherlands Telephone: 0251-492119 Company Trade Register 34048211 E-mail: info.tst@tatasteel.com		002 Invoice Reference 4500002628 11091475 00030		003 Inspection certificate 3.1, EN10204.		TATA STEEL																							
004 Doc. nr. 2017130667 00		005 Hot rolled pickled, Coil, S355MC, YMPRESS MG S:01-2010. 1.00 G/M2/Side oiled. Mill edges.		006 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.1S/-0.1S mm).																									
007 Destination/Commission NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND		008 Dispatch note 66896		009 Transport JOLYN																									
010 Order nr. 58764 C		011 Dispatch note 66896		012 Transport JOLYN																									
013 Dimensions 1500 mm X 5.00 mm		014 TENSILE TEST												015 IMPACT TEST AND OTHER TESTS															
PROD.-IDENT	MASS kg	NR	CAST NR.	DIR	DIR	DIR	TEMP °C	R _m MPa	R _L MPa	R _p MPa	R _m MPa	A %	A %	R _m /R _p %	n-value	n-value	HARDNESS	TEMP °C	Ind.	Ind.	Ind.	mm	ASTM E-112						
741817	10548	1	H7494	32	1L	P	+ 20	388			466	32.0			83														
741818	10538	1	"																										
741819A	10290	1	"																										
742497	10460	1	H7668	32	1L	P	+ 20	384			463	32.5			83														
742498	10450	1	"																										
742499	10130	1	"																										
TOTAL	62416	6																											
016 CHEMICAL COMPOSITION in %																		017 1: J/cm ² 2: J 3: Layer exp. (mm)				018 4: Contraction (Z) 5: Shear area (Z)							
CAST NR.	PROD.-IDENT	C	Mn	P	S	Si	Al	Cu	Cr	Ni	Mo	Nb	V	N	B	C=eq	Al-Z0	Sn	Ti	C=eq1	1: Top	2: Edge	3: Surface	4: Transverse	5: Prismatic				
H7494		0.074	0.489	0.012	0.006	0.009	0.032	0.014	0.031	0.021	0.004	0.025	0.001	0.0041	0.0000					0.167									
H7668		0.065	0.495	0.011	0.006	0.008	0.036	0.010	0.015	0.014	0.001	0.025	0.002	0.0029	0.0000					0.153									
019 STEELMAKING PROCESS: BO Page 1 of 1																		020 Stamp of the expert:						021 Tata Steel IJmuiden BV SIMON BRAAM MANAGER TESTING <i>S.P.B.</i> IJMUIDEN, 5 DECEMBER 2017					
022 We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions																													