

A01 Tata Steel IJmuiden BV <small>Winklabstraat 1 31 22 Velsen Noord 18080 478 CA IJmuiden the Netherlands Telephone: 0251-692118 Company Trade Register 34948221 E-mail: info.testing@tatasteelleurope.com</small>		A02 Reference GENERAL INDUSTRY 4500004989 11001477 00030		A03 Inspection certificate 3.1, EN10204. <small>001.002.003.004.015</small>			<div style="text-align: right;">TATA STEEL</div>																				
A04 Doc. no. 2019039508 00		A05 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010, 1.00 G/H2/Side oiled. Mill edges.			A06 Customer/Consignment NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND																						
A07 Order no. 58927 C		A08 All Dispatch note 59431		A09 Transport ANDREA																							
A10 Dimensions 1500 mm X 6.00 mm														A11 TENSILE TEST						A12 HARD-NESS A13 IMPACT TEST AND OTHER TESTS							
A14 PROD. IDENT MASS kg NR CAST NR. TEMP °C R_{eh} MPa R_{eL} MPa R_{p0.02} MPa R_m MPa A₅₀ % A % R_{ts}/R_m % r-value n-value														A15 1: J/cm ² 2: J 3: Later. exp. (mm) 4: Contraction (%) 5: Shear area (%)													
A16 PROD. IDENT 6179091 11120 1 K4871 12 1L P + 20 391 6179121 13520 1 L3513 12 1L P + 20 391 6179111 11720 1 L3528 12 1L P + 20 374 476 29.0 82 480 28.5 81 468 30.5 79														A17 1: 166 2: 166 3: 159 4: 166 5: 166 6: 159													
TOTAL 36360 3																											
A18 CHEMICAL COMPOSITION in %														A19 STEELMAKING PROCESS: BO Page 1 of 1													
A20 CAST NR. PROD. IDENT C Mn P S Si Al Cu Cr Ni Mo Nb V N B C-eq Al-20 Sn Ti C-eql K4871 .074 0.501 .012 .006 0.012 0.035 .016 0.026 0.022 .006 .026 .002 .0023 .0000 0.032 .002 .001 .166 L3513 .069 0.495 .028 .006 0.014 0.040 .026 0.051 0.028 .010 .027 .002 .0042 .0001 0.039 .001 .001 .168 L3528 .071 0.494 .009 .002 0.019 0.037 .012 0.015 0.015 .002 .025 .001 .0027 .0000 0.036 .007 .001 .159														A21 C19 C20 C21 C22 C23 1:1=Top 2:1=Edge 3:Surface 4:Surface 5:Surface 2:Middle 2:Middle 2:Middle 2:Surface 2:in diagonal dir 3:Bottom 3:Surface 3:in diagonal dir C-eq1: C + Mn/6 + Cr + Mo + V/5 + Ni + Cu/15													
A22 We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions														A23 Stamp of the expert :													
A24 We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions														A25 Tata Steel IJmuiden BV JOOST COPPENS MANAGER TESTING IJMUIDEN, 14 APRIL 2019													