


<b>Tata Steel IJmuiden BV</b> Handelskwaliteits 1 1961 AZ Tolken Noord Postbus 19000 1970 CA IJmuiden The Netherlands Telephone: 0201-492119 Company Trade Register 24818311 E-mail: info-testing@tatasteel.com		<b>450003634</b> GENERAL INDUSTRY 11001473 00020		<b>Inspection certificate 3.), EN10204.</b> 00020		<b>TATA STEEL</b>														
<b>2016062494 00</b>		Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/Side oiled. Mill edges.		Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.14/-0.14 mm).																
<b>NAANTALI STEEL SERVICE CENTRE OY</b> RAUTAKATU 5  21110 NAANTALI FINLAND		Purchase Order 450003634 Vendor Batch 792824		Purchase Order 450003634 Vendor Batch 792825		Purchase Order 450003634 Vendor Batch: 792826														
<b>56241 B</b>		<b>44914</b>		<b>SPRINTER</b>		<b>110014730000197801</b>														
<b>1500 mm X 4.00 mm</b>		<b>TENSILE TEST</b>		<b>HARDNESS</b>		<b>IMPACT TEST AND OTHER TESTS</b>														
<b>PROD-IDENT</b>	<b>MASS kg</b>	<b>NR</b>	<b>CAST NR.</b>	<b>Temp °C</b>	<b>R<sub>H</sub> MPa</b>	<b>R<sub>eL</sub> MPa</b>	<b>R<sub>p</sub> MPa</b>	<b>R<sub>m</sub> MPa</b>	<b>A %</b>	<b>A %</b>	<b>R<sub>m</sub>/R<sub>p</sub> %</b>	<b>n-value</b>	<b>n-value</b>	<b>Temp °C</b>	<b>ind.</b>	<b>ind.</b>	<b>ind.</b>	<b>mean</b>	<b>ASTM E-112</b>	
792824	10380	1	K8641	+ 20	378			466	32.0		81									
792825	10380	1	**																	
792826	10190	1	**																	
<b>TOTAL</b>	<b>30950</b>	<b>3</b>																		
<b>CHEMICAL COMPOSITION in %</b>													<b>444</b> 1: J/cm <sup>2</sup> 4: Contraction (%) 2: J 5: Shear area (%) 3: Later. exp. (mm)							
<b>LAST NO.</b>	<b>PROD-IDENT</b>	<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Al</b>	<b>Cu</b>	<b>Cr</b>	<b>Ni</b>	<b>Mo</b>	<b>Nb</b>	<b>V</b>	<b>N</b>	<b>B</b>	<b>C-eq</b>	<b>Al-ZO</b>	<b>Sn</b>	<b>Ti</b>	<b>C-eq1</b>
K0641		0.048	0.502	0.012	0.006	0.011	0.035	0.017	0.031	0.023	0.005	0.027	0.002	0.0032	0.0000	0.032	0.001	0.001	0.102	
<b>STEELMAKING PROCESS: BO</b> Page 1 of 1																				
<b>C59</b> Bulgproef : good / good / gut / concluant										<b>Stamp of the expert :</b>					<b>Tata Steel IJmuiden BV</b>  <b>SIMON BRAAM</b> <b>MANAGER TESTING</b> 					
<b>Z01</b> We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions																				

<b>001</b> Tata Steel IJmuiden BV Hoekvashuisstraat 1 1961 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telefoon: 0201-942119 Company Trade Register 34249331 E-mail : info.testing@tatasteel.com		<b>002</b> Reference 4500003634 GENERAL INDUSTRY 11001473 00020		<b>003</b> Inspection certificate 3.1, EN10204.		<b>TATA STEEL</b>																																																																																																																																																																																																						
<b>004</b> Order no. 56241 B		<b>005</b> Del. nr. 2018062494 00		<b>006</b> Description Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/H2/Side oiled. Mill edges.																																																																																																																																																																																																								
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