

A11 Tata Steel IJmuiden BV Henckebachstraat 1 4530GS IJ000 1709 CA IJ000 The Netherlands Telephone: 020-492110 Company Trade Register 54306351 E-mail: info.testing@tatasteel-europe.com			A17-419 Reference 4500019883 SEVERAL			A18 HT LASER 00040			A19 Inspection certificate 3.1, EN10204.																																																																																																				
A12 NAANTALI STEEL SERVICE CENTRE OY NAUTAKATU 5 21110 NAANTALI FINLAND			A20 20200017550 00 MR Doc. nr 20200017550 00			A21 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/Side oiled. Mill edges.			A22 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.16/-0.16 mm).																																																																																																				
A13 54687 D			A14 1500 mm X 6.00 mm			A15 CAST NR. N9941 N9943			A16 1500 mm X 6.00 mm																																																																																																				
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A29 TOTAL			A30 30440			A31 2			A32 2																																																																																																				
<p style="text-align: center;"><b>TENSILE TEST</b></p> <table border="1"> <thead> <tr> <th rowspan="2">B07 PROD. IDENT</th> <th rowspan="2">B08 MASS kg</th> <th rowspan="2">B09 NR</th> <th rowspan="2">B10 CAST NR.</th> <th rowspan="2">B11 Temp °C</th> <th rowspan="2">B12 ReL MPa</th> <th rowspan="2">B13 ReH MPa</th> <th rowspan="2">B14 Rm MPa</th> <th rowspan="2">B15 Rp0.2 MPa</th> <th rowspan="2">B16 Rm MPa</th> <th rowspan="2">B17 Rm/Rm %</th> <th rowspan="2">B18 n-value</th> <th rowspan="2">B19 n-value</th> <th rowspan="2">B20 A %</th> <th rowspan="2">B21 A %</th> <th rowspan="2">B22 A %</th> <th colspan="5">B23 HARDNESS</th> </tr> <tr> <th>B24 E52</th> <th>B25 E10</th> <th>B26 E18</th> <th>B27 E19</th> <th>B28 E20</th> </tr> </thead> <tbody> <tr> <td>6026332</td> <td>15220</td> <td>1</td> <td>N9941</td> <td>+ 20</td> <td>399</td> <td>474</td> <td>485</td> <td>30.0</td> <td>84</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6026322</td> <td>15220</td> <td>1</td> <td>N9943</td> <td>+ 20</td> <td>409</td> <td>485</td> <td>29.5</td> <td>84</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												B07 PROD. IDENT	B08 MASS kg	B09 NR	B10 CAST NR.	B11 Temp °C	B12 ReL MPa	B13 ReH MPa	B14 Rm MPa	B15 Rp0.2 MPa	B16 Rm MPa	B17 Rm/Rm %	B18 n-value	B19 n-value	B20 A %	B21 A %	B22 A %	B23 HARDNESS					B24 E52	B25 E10	B26 E18	B27 E19	B28 E20	6026332	15220	1	N9941	+ 20	399	474	485	30.0	84																								6026322	15220	1	N9943	+ 20	409	485	29.5	84																														
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<p style="text-align: center;"><b>STEELMAKING PROCESS:</b></p> <p>Stamp of the expert :</p> <p style="text-align: right;">Tata Steel IJmuiden BV</p> <p style="text-align: right;">ANDRE GILLEBAART GM PRODUCTANALYSIS</p> <p style="text-align: right;">IJMUIDEN, 15 FEBRUARI 2020</p>																																																																																																													