A01

Tata Steel IJmuiden BV

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Telephone: 0251-492110

Company Trade Register 34040331
E-mail:
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A03 Doc nr.
2022001538 00

A02
Inspection certificate 3.1, EN10204.

A07, A09 Reference
4500052591
11001473

00010

A08 Order nr.
50360 A

A04

TATA STEEL

B01,B02,B03,B04,B15
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).
Country of Melt and Pour : Netherlands

C70
STEEL MAKING PROCESS: BO

B09,B10,B11 Dimensions
1500 mm X 4 mm

B13 Total Mass KG
42743

B08 Total NR.
3

A11 Dispatch Note
16371

A10 Transport
EGON W

A06 Customer/Consignee
NAANTALI STEEL SERVICE CENTRE OY
RAUTAKATU 5

21110 NAANTALI
FINLAND

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant' C50

PROD-IDENT: 707572 MASS KG: 13768 NR: 1 CAST NR: W8256 B07,B08,B13

TENSILE TEST C10-29

| C01 | C01/C02 | C10 | C03 Temp (°C) | C11 ReH (MPa) | C12 Rm (MPa) | C13 A (%) | C16 ReH/Rm (%) |
|---|---|---|---|---|---|---|---|
| Bottom Middle | Surface Longitudinal | Prismatical | +20 | 399 | 481 | 34.0 | 83 |

PROD-IDENT: 707571 MASS KG: 14018 NR: 1 CAST NR: W8256 B07,B08,B13

TENSILE TEST C10-29

| C01 | C01/C02 | C10 | C03 Temp (°C) | C11 ReH (MPa) | C12 Rm (MPa) | C13 A (%) | C16 ReH/Rm (%) |
|---|---|---|---|---|---|---|---|
| Bottom Middle | Surface Longitudinal | Prismatical | +20 | 399 | 481 | 34.0 | 83 |

PROD-IDENT: 705863 MASS KG: 14957 NR: 1 CAST NR: W8876 B07,B08,B13

TENSILE TEST C10-29

| C01 | C01/C02 | C10 | C03 Temp (°C) | C11 ReH (MPa) | C12 Rm (MPa) | C13 A (%) | C16 ReH/Rm (%) |
|---|---|---|---|---|---|---|---|
| Bottom Middle | Surface Longitudinal | Prismatical | +20 | 399 | 481 | 34.0 | 83 |

CHEMICAL COMPOSITION in %

| B07 CAST NR. | C71 C | C72 Mn | C73 P | C74 S | C75 Si | C76 Al | C77 Cu | C78 Cr | C79 Ni | C80 Mo | C81 Nb |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W8256 | 0.070 | 0.499 | 0.009 | 0.005 | 0.011 | 0.034 | 0.028 | 0.034 | 0.020 | 0.004 | 0.026 |
| W8876 | 0.067 | 0.501 | 0.010 | 0.008 | 0.011 | 0.030 | 0.039 | 0.035 | 0.027 | 0.004 | 0.026 |

| CAST NR. | C82 V | C83 N | C84 B | C85 Ti | C86 Sn | C87 Al_ZO | C88 C-eq1 |
|---|---|---|---|---|---|---|---|
| W8256 | 0.001 | .0028 | .0000 | 0.001 | 0.004 | 0.033 | .164 |
| W8876 | 0.002 | .0029 | .0000 | 0.001 | 0.003 | 0.028 | .163 |

C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.

Tata Steel IJmuiden BV

Jeffrey Flemming
General Manager

Jeffrey Flemming

IJmuiden, 6 January 2022



Z01,Z02