

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteel.eu	A03 Doc nr. 2021101655 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	A07, A09 Reference 4500044531 11001477 00040	A08 Order nr. 54422 D
	B01,B02,B03,B04,B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1,00 G/M2/Side oiled. Mill edges. Impact test. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.16/-0.16 mm). Country of Melt and Pour : Netherlands	
		C70 STEEL MAKING PROCESS: BO
		B09,B10,B11 Dimensions 1500 mm X 6 mm
		B13 Total Mass KG 107280
		B08 Total NR. 8
		A11 Dispatch Note 64048
		A10 Transport ANKIE

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

PROD-IDENT: 6107702 MASS KG: 14340 NR: 1 CAST NR: W0669 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	427	506	29.0	84

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	105	108	112	108

PROD-IDENT: 6107701 MASS KG: 14040 NR: 1 CAST NR: W0669 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	427	506	29.0	84

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	105	108	112	108

PROD-IDENT: 6107692 MASS KG: 14360 NR: 1 CAST NR: W0673 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	418	503	29.0	83

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	107	117	119	114

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



IJmuiden, 12 September 2

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021101655 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500044531 11001477 00040	A08 Order nr. 54422 D	

PROD-IDENT: 6107691	MASS KG: 13960	NR: 1	CAST NR: W0673	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	Surface	Prismatical	+20	418	503	29.0	83				
Middle	Longitudinal										

IMPACT TEST AND OTHER TESTS											C40,C60,C65
-----------------------------	--	--	--	--	--	--	--	--	--	--	-------------

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	107	117	119	114
Middle	Longitudinal										

PROD-IDENT: 6107662	MASS KG: 14580	NR: 1	CAST NR: W0673	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	Surface	Prismatical	+20	426	506	26.0	84				
Middle	Longitudinal										

IMPACT TEST AND OTHER TESTS											C40,C60,C65
-----------------------------	--	--	--	--	--	--	--	--	--	--	-------------

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	108	115	123	115
Middle	Longitudinal										

PROD-IDENT: 6107661	MASS KG: 13840	NR: 1	CAST NR: W0673	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	Surface	Prismatical	+20	426	506	26.0	84				
Middle	Longitudinal										

IMPACT TEST AND OTHER TESTS											C40,C60,C65
-----------------------------	--	--	--	--	--	--	--	--	--	--	-------------

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	108	115	123	115
Middle	Longitudinal										

PROD-IDENT: 6107212	MASS KG: 11460	NR: 1	CAST NR: W0668	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	Surface	Prismatical	+20	420	500	28.5	84				
Middle	Longitudinal										

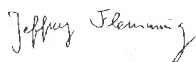
IMPACT TEST AND OTHER TESTS											C40,C60,C65
-----------------------------	--	--	--	--	--	--	--	--	--	--	-------------

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom	Surface	Prismatical	-20	0	5.0	ISO-V	J	119	115	117	117
Middle	Longitudinal										

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



IJmuiden, 12 September 2

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021101655 00		TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500044531 11001477 00040	A08 Order nr. 54422 D	

PROD-IDENT: 6107211	MASS KG: 10700	NR: 1	CAST NR: W0668	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	420	500	28.5	B4

IMPACT TEST AND OTHER TESTS	C40,C60,C65
------------------------------------	-------------

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	5.0	ISO-V	J	119	115	117	117

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
	W0669		0.072		1.005		0.011		0.002		0.021		0.034		0.018		0.022		0.027		0.004		0.024
	W0673		0.074		0.994		0.010		0.002		0.018		0.038		0.020		0.023		0.023		0.003		0.025
	W0668		0.071		1.003		0.014		0.006		0.006		0.036		0.008		0.023		0.018		0.003		0.023
	CAST NR.	C82	V	C83	N	C84	B	C85	Ti	C86	Sn	C87	Al_ZO	C88	C-eql								
	W0669		0.005		.0028		.0000		0.002		0.001		0.033		.249								
	W0673		0.003		.0033		.0000		0.002		0.001		0.037		.248								
	W0668		0.002		.0032		.0000		0.001		0.001		0.034		.246								

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

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
IJmuiden, 12 September 2

Page 3 of 3

201,202