

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.com	A03 Doc nr. 2021101656 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500044777 11001477 00030	A08 Order nr. 54615 C	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	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 39859
			B08 Total NR. 3
	A11 Dispatch Note 64048		A10 Transport ANKIE

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

C50

PROD-IDENT: 866901	MASS KG: 12559	NR: 1	CAST NR: W0664	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	414	493	30.0	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	109	92	109	103

PROD-IDENT: 6107682	MASS KG: 13840	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	417	502	28.5	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	108	112	111	110

PROD-IDENT: 6107681	MASS KG: 13460	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	417	502	28.5	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	108	112	111	110

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, 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@tatasteel.eu.com	A03 Doc nr. 2021101656 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500044777 11001477 00030	A08 Order nr. 54615 C	

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
	W0664	0.071	1.002	0.010	0.006	0.009	0.035	0.010	0.021	0.019	0.002	0.026
	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-eq1				
	W0664	0.003	.0030	.0000	0.001	0.001	0.033	.245				
	W0668	0.002	.0032	.0000	0.001	0.001	0.034	.246				
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
IJmuiden, 12 September 2

Jeffrey Flemming

Page 2 of 2

201,202