

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2024015988 00		A04 TATA STEEL	
	A02 Inspection certificate 3.1, EN10204.			
	A07, A09 Reference 4500105963 11019044 00010	A08 Order nr. 59051 A		
	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 +0.15/-0.15 mm) .			
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND			C70 STEEL MAKING PROCESS: BO	
			B09,B10,B11 Dimensions 1500 mm X 5.00 mm	
			B13 Total Mass KG 92529	B08 Total NR. 8
			A11 Dispatch Note 47375	A10 Transport OSTBORG

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

PROD-IDENT: 868674	MASS KG: 10750	NR: 1	CAST NR: L4675	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	387	476	34.5	81

PROD-IDENT: 868673	MASS KG: 10531	NR: 1	CAST NR: L4675	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	387	476	34.5	81

PROD-IDENT: 868672	MASS KG: 10551	NR: 1	CAST NR: L4675	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	387	476	34.5	81

PROD-IDENT: 867502	MASS KG: 14827	NR: 1	CAST NR: L4517	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	386	472	35.0	82

PROD-IDENT: 867501	MASS KG: 14657	NR: 1	CAST NR: L4517	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	386	472	35.0	82

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, 20 February 2024	
Page 1 of 2	Z01,Z02

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2024015988 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500105963 11019044 00010	A08 Order nr. 59051 A	

PROD-IDENT: 867500		MASS KG: 10271	NR: 1	CAST NR: L4517			B07,B08,B13	
TENSILE TEST							C10-29	
C01	C01/C02	C10	C03	C11	C12	C13	C16	
			Temp (°C)	ReH (MPa)	Rm (MPa)	A (%)	ReH/Rm (%)	
Bottom Middle	Surface Longitudinal	Prismatical	+20	401	476	34.5	84	

PROD-IDENT: 867499		MASS KG: 10451	NR: 1	CAST NR: L4517			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	401	476	34.5	84

PROD-IDENT: 867498		MASS KG: 10491		NR: 1		CAST NR: L4517		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		401		476		34.5		84

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
	L4675		0.071		0.497		0.015		0.007		0.010		0.038		0.008		0.029		0.017		0.002		0.027
	L4517		0.064		0.515		0.006		0.003		0.014		0.032		0.009		0.026		0.018		0.002		0.028
	CAST NR.	C82	V	C83	N	C84	B	C85	Ti	C86	Sn	C87	Al_ZO	C88	C-eq1	B99	Country of Melt and Pour						
	L4675		0.001		.0035		.0001		0.001		0.002		0.036		.162	Netherlands							
	L4517		0.002		.0038		.0000		0.002		0.001		0.031		.158	Netherlands							
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, 20 February 2024	
Page 2 of 2	Z01,Z02