

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. 2023058738 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 5500001424 NAANTALI 11014191 4500035592/00010	A08 Order nr. 57898 A	
	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. Suitable for: Part galvanising, Cutting into sheet. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.19/-0.19 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2		
A06 Customer/Consignee SERVICE CENTRE MAASTRICHT B.V. B.U. FEIJEN POSTBUS 10.000 1970 CA IJMUIDEN NOORDHOLLAND	C70 STEEL MAKING PROCESS: BO		
	B09,B10,B11 Dimensions 1500 mm X 10.00 mm		
	B13 Total Mass KG 120640	B08 Total NR. 4	
	A11 Dispatch Note 74167	A10 Transport QUDAJO	

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

PROD-IDENT: 619764		MASS KG: 28220		NR: 1		CAST NR: H2799		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	400	494	29.5	81						
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	O	7.5	ISO-V	J	182	199	190	190		

PROD-IDENT: 619711		MASS KG: 30560		NR: 1		CAST NR: H2766		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	409	503	29.5	81						
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	O	7.5	ISO-V	J	215	201	197	204		

PROD-IDENT: 619710		MASS KG: 30900		NR: 1		CAST NR: H2804		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	400	503	28.0	80					
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	O	7.5	ISO-V	J	185	191	204	193	

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, 28 June 2023	
Page 1 of 2	Z01,Z02

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. 2023058738 00		A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 5500001424 NAANTALI 11014191 4500035592/00010	A08 Order nr. 57898 A	

PROD-IDENT: 619709	MASS KG: 30960	NR: 1	CAST NR: H2804	B07,B08,B13
--------------------	----------------	-------	----------------	-------------

TENSILE TEST	C10-29
--------------	--------

C01	C01/C02	C10	C03	C11	C12	C13	C16				
			Temp (°C)	Rp0.2 (MPa)	Rm (MPa)	A (%)	Rp0.2/Rm (%)				
Bottom	Surface	Prismatical	+20	411	516	27.5	80				
Middle	Longitudinal										

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

C01	C01/C02	C10	C03	B05	C41	C40,C60,C65	C44	C42	C42	C42	C43
			Temp °C		mm			ind.	ind.	ind.	mean
Bottom	Surface	Prismatical	-20	O	7.5	ISO-V	J	191	193	192	192
Middle	Longitudinal										

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
H2799	0.075	0.991	0.012	0.005	0.012	0.028	0.008	0.014	0.020	0.002	0.024
H2766	0.068	0.994	0.012	0.004	0.016	0.038	0.015	0.028	0.029	0.005	0.024
H2804	0.072	1.048	0.012	0.005	0.013	0.041	0.007	0.015	0.020	0.002	0.024
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al_ZO	C88 C-eq1	B99 Country of Melt and Pour			
H2799	0.003	.0028	.0001	0.001	0.002	0.026	.246	Netherlands			
H2766	0.003	.0038	.0000	0.001	0.004	0.036	.244	Netherlands			
H2804	0.003	.0024	.0000	0.001	0.001	0.039	.253	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, 28 June 2023	
Page 2 of 2	Z01,Z02