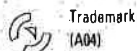


Inspection certificate 3.1 DIN EN 10204 (A02)		No. (A03) 1788271 Page 1/2 Date 05.02.2020
No. (A07) 4500018226 Purchaser Naantali Steel Service Centre Oy (A06) 21110 NAANTALI FINNLAND	01.10.2019 Customer Naantali Steel Service Centre Oy (A06) 21110 NAANTALI FINNLAND	
Product Hot rolled sheet/plate, pickled (B01)		Works order No. 0001376310 (A08) Dispatch note No. 0088680571 04:02:2020 Inspection WS (A05)
Steel grade and terms of delivery S355MC seca® xtra (B02-B03) DIN EN 10149-2 / 12.2013 DIN EN 10051:2011-02 DIN EN 10163-2 Kl. B UG3 03/05 13001618		
Marking of the product (B06) Trademark/Steelgrade/Heat-No/Product-No		

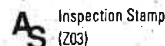
Material data (B01-B99)					
Item	Quantity	Product No.	Heat No.	Cond. of delivery	Thickness x Width x Length
	(B08)	(B07)	(B07)	(B04)	(B09-B11) mm x mm x mm
03	13	1617160	54966	M	12,00 x 1500,0 x 3000
03	57	1633159	01668	M	12,00 x 1500,0 x 3000
Σ	70	Weight 29.944	kg	M: thermomechanically rolled	
Dimensional check and visual examination of the surface condition: without objection					

Ladle analysis (C70-C99)										
Heat No.	C	Si	Mn	P	S	N	Al	Cu	Cr	Ni
(B07)	% ≤0,12	% ≤0,03	% ≤1,50	% ≤0,025	% ≤0,020	%	% ≥0,020	%	%	%
01668	0,06	0,01	1,12	0,011	0,003	0,004	0,052	0,02	0,03	0,03
54966	0,06	0,02	1,12	0,011	0,005	0,003	0,056	0,02	0,03	0,03
Heat No.	Mo	Nb	Ti	V	EV1 1)	EV2 2)				
(B07)	%	% ≤0,09	% ≤0,15	% ≤0,20	% ≤0,22	% ≤0,090				
01668	0,001	0,02	0,001	0,002	0,02	0,038				
54966	0,003	0,02	0,001	0,001	0,02	0,048				
1) EV1: V+Ni+Ti						2) EV2: Si+2.5*P				
Steel making: Basic oxygen process (C70)										

We hereby certify that the delivered material complies with the terms of the order.
(Z01)



Salzgitter Flachstahl GmbH
Eisenhüttenstr. 99
D-38239 Salzgitter
(A01)



Inspection Representative
(Z02)

Koerfer

This certificate was prepared by a suitable data processing system and is valid without signature according to EN 10 204, section 5.

Inspection certificate 3.1		No. (A03)	1788271
DIN EN 10204		Page	2/2
(A02)		Date	05.02.2020
No. (A07)	4500018226	01.10.2019	No. (A07)
Purchaser (A06)	Naantali Steel Service Centre Oy	Customer (A06)	Naantali Steel Service Centre Oy
	21110 NAANTALI		21110 NAANTALI
	FINNLAND		FINNLAND
Product (B01)	Hot rolled sheet/plate, pickled		Works order No. (A08)
			0001376310
Steel grade and terms of delivery (B02-B03)	S355MC seca@ xtra		Dispatch note No.
	DIN EN 10149-2 / 12.2013		0088680571
	DIN EN 10051:2011-02		04.02.2020
	DIN EN 10163-2 Kl. B UG3 03/05		Inspection (A05)
	13001618		WS

Tensile test (C10-C29)										
Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield point (C11) ReH MPa ≥ 355	Tensile strength (C12) Rm MPa 430 - 550	Elongation (C13) A5 7) %		
1617160	54966	M4G	L	M	P	415	503	30		
1633159	01668	M4G	L	M	P	407	496	29		

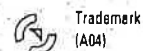
1) M: 1/2 Length
2) 4: 1/4 Width
3) G: Thickness of product
4) L: longitudinal
5) M: thermomechanically rolled
6) P: prismatic
7) A5: Lo=5,65 √So

Impact test (C40-C49)										
Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type of specimen (C40-C41)	Temperature (C03) °C	Impact energy (C42-C43)			
		1) 2) 3)	4)	5)			1	2	3	MW 6)
							J	J	J	J
							≥ 28			≥ 40
1617160	54966	M40	L	M	KV750	-020	324	336	325	328
1633159	01668	M40	L	M	KV750	-020	270	303	314	296

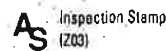
1) M: 1/2 Length
2) 4: 1/4 Width
3) 0: near surface
4) L: longitudinal
5) M: thermomechanically rolled
6) MW: Average

Our products are free of radioactive substances and do not exceed the clearing limit value of 100 Bq/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex III, Section 5) for ferrous nuclides.

We hereby certify that the delivered material complies with the terms of the order.
(Z01)



Salzgitter Flachstahl GmbH
Eisenhüttenstr. 99
D-38239 Salzgitter
(A01)



Inspection Representative (Z02)

Koerfer

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