


<b>Inspection certificate 3.1</b>		<b>No. (A03)</b>	<b>1764366</b>
<b>DIN EN 10204</b>		<b>Page</b>	<b>1/2</b>
<b>(A02)</b>		<b>Date</b>	<b>29.10.2019</b>
<b>No. (A07)</b>	<b>4500014739</b>	<b>06.06.2019</b>	<b>No. (A07)</b>
<b>Purchaser</b>	<b>Naantali Steel Service Centre Oy</b>	<b>Customer</b>	<b>Naantali Steel Service Centre Oy</b>
<b>(A06)</b>	<b>21110 NAANTALI</b>	<b>(A06)</b>	<b>21110 NAANTALI</b>
	<b>FINNLAND</b>		<b>FINNLAND</b>
<b>Product</b>	<b>Hot rolled sheet/plate</b>	<b>Works order No.</b>	<b>0001367332</b>
<b>(B01)</b>		<b>(A08)</b>	
<b>Steel grade and terms of delivery</b>	<b>S355MC seca® xtra</b>	<b>Dispatch note No.</b>	<b>0088527321</b>
<b>(B02-B03)</b>	<b>DIN EN 10149-2 / 12.2013</b>		<b>28.10.2019</b>
	<b>DIN EN 10051:2011-02</b>	<b>Inspection</b>	<b>WS</b>
	<b>DIN EN 10163-2 Kl. B UG3 03/05</b>	<b>(A05)</b>	
	<b>13001619</b>		
<b>Marking of the product (B06)</b>			
<b>Trademark/Steelgrade/Heat-No/Product-No</b>			


<b>Material data (B01-B99)</b>					
<b>Item</b>	<b>Quantity</b>	<b>Product No.</b>	<b>Heat No.</b>	<b>Cond. of delivery</b>	<b>Thickness x Width x Length</b>
<b>(B08)</b>	<b>(B07)</b>	<b>(B07)</b>	<b>(B07)</b>	<b>(B04)</b>	<b>mm x mm x mm</b>
<b>01</b>	<b>51</b>	<b>1605730</b>	<b>26325</b>	<b>M</b>	<b>15,00 x 1500,0 x 3000</b>
<b>01</b>	<b>52</b>	<b>1605734</b>	<b>26325</b>	<b>M</b>	<b>15,00 x 1500,0 x 3000</b>
<b>Σ</b>	<b>103</b>	<b>Weight</b>	<b>55.109</b>	<b>kgs</b>	<b>M: thermomechanically rolled</b>
		<b>(B12)</b>			
<b>Dimensional check and visual examination of the surface condition:</b>					
<b>without objection</b>					

<b>Ladle analysis (C70-C99)</b>										
<b>Heat No.</b>	<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>N</b>	<b>Al</b>	<b>Cu</b>	<b>Cr</b>	<b>Ni</b>
<b>(B07)</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>
	<b>≤ 0,12</b>	<b>≤ 0,03</b>	<b>≤ 1,50</b>	<b>≤ 0,025</b>	<b>≤ 0,020</b>		<b>≥ 0,020</b>			
<b>26325</b>	<b>0,06</b>	<b>0,01</b>	<b>1,21</b>	<b>0,01</b>	<b>0,008</b>	<b>0,004</b>	<b>0,04</b>	<b>0,02</b>	<b>0,04</b>	<b>0,05</b>
<b>Heat No.</b>	<b>Mo</b>	<b>Nb</b>	<b>Ti</b>	<b>V</b>	<b>EV1 1)</b>	<b>EV2 2)</b>				
<b>(B07)</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>	<b>%</b>				
	<b>≤ 0,09</b>	<b>≤ 0,15</b>	<b>≤ 0,20</b>	<b>≤ 0,22</b>	<b>≤ 0,090</b>					
<b>26325</b>	<b>0,004</b>	<b>0,03</b>	<b>0,0003</b>	<b>0,001</b>	<b>0,03</b>	<b>0,035</b>				
<b>1) EV1: V+Nb+Ti</b>						<b>2) EV2: Si+2,5*P</b>				
<b>Steel making: Basic oxygen process</b>										
<b>(C70)</b>										

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

 Trademark  
(A04)

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

 Inspection Stamp  
(Z03)

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.

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<b>No. (A07)</b>	<b>4500014739</b>	<b>06.06.2019</b>	<b>No. (A07)</b>
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<b>(A06)</b>	<b>21110 NAANTALI</b>	<b>(A06)</b>	<b>21110 NAANTALI</b>
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<b>(B01)</b>		<b>(A08)</b>	
<b>Steel grade and terms of delivery</b>	<b>S355MC seca® xtra</b>	<b>Dispatch note No.</b>	<b>0088527321</b>
<b>(B02-B03)</b>	<b>DIN EN 10149-2 / 12.2013</b>		<b>28.10.2019</b>
	<b>DIN EN 10051:2011-02</b>	<b>Inspection</b>	<b>WS</b>
	<b>DIN EN 10163-2 K1. B UG3 03/05</b>	<b>(A05)</b>	
	<b>13001619</b>		

### Tensile test (C10-C29)

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct (C02)	Cond. (B05)	Type (C10)	Yield point (C11) ReH MPa	Tensile strength (C12) Rm MPa	Elongation (C13) A5 7) %		
		1) 2) 3)	4)	5)	6)	≥ 355	430 - 550	≥ 23		
1605730	26325	M4G	L	M	P	442	521	26		
1605734	26325	M4G	L	M	P	438	518	29		

1) M: 1/2 Length  
2) A: 1/4 Width  
3) G: Thickness of product  
4) L: longitudinal  
5) M: thermomechanically rolled  
6) P: prismatic  
7) A5:  $L_0=5,65 \sqrt{S_0}$

Bend tests without objection


### 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)				MW 6)
		1) 2) 3)	4)	5)			1	2	3		J
							≥ 28				≥ 40
1605730	26325	M40	L	M	KV750	-020	221	225	238		228
1605734	26325	M40	L	M	KV750	-020	212	257	264		244


1) M: 1/2 Length  
2) A: 1/4 Width  
3) D: 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)

 Trademark  
(A04)

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Eisenhüttenstr. 99  
D-38239 Salzgitter  
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