



Certificate No.
185249

Revision
00

Customer Order No.
17222

Production mill
Avesta Plant

Date
28 Mar 2023

Delivery No.
8000186823

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTTYLÄ FINLAND		Product Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to Htm Yhtiöt Oy Teollisuuskujia 1 14200 TURENKI FINLAND		Requirements AD 2000 W 2, Ausg. 01.2020, W 10, Ausg. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2021 ASTM A240/A240M - 22 EN 10028-7:2016 EN 10088-2:2014 EN 10088-4:2009 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
Mark of manufacturer outokumpu		Process E+AOD		Inspector's Stamp 	
Sales order Item 80		Dimensions 10,00 X 1500,0 X 3000 mm		Quantity (pcs) 13	
Weight 4605 kg		Heat No. 530989		Lot No. 4	
Identification No. of Product 530989-4		Customer's Material No. 17222		ASME SA-480/SA-480M BPVC.II.A-2021 ASTM A480/A480M - 22 EN ISO 9444-2:2010	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
530989	Sweden	0,016	0,28	1,22	0,033	0,001	18,1	8,2	0,070

Test Results (1=Beginning, 2=Middle, 3=End, T=Transverse, L=Longitudinal, D=Diagonal, RT=Room temperature)

Identification No. of Product	Sample ID	EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
		RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
530989-4	Minimum	210	250	520	45	40	201
	Maximum			700			
530989-4	1 T 819483	329	367	619	57	59	192
530989-4	3 T 819484	336	374	623	57	59	192
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
530989-4	1 T 819483	OK	OK				
530989-4	3 T 819484	OK	OK				

Country of Origin: Sweden

Solution annealed at 1070 °C/1958 °F. Rapidly cooled with water and air.

Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

DOPS acc. to CPR available on the web page by steel number

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD

Avg.t CO2e/t: 1,16

Outokumpu Stainless AB Business Area Operations Avesta SWEDEN Tel: +46 (0)226 811 73 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 V.A.T no: SE556001874801	This material is found to comply with order requirements Joakim Johansson Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
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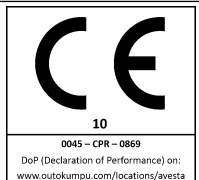
<u>Production mill</u> Avesta Plant	<u>Certificate No.</u> 185249	<u>Revision</u> 00	<u>Customer Order No.</u> 17222
	<u>Date</u> 28 Mar 2023	<u>Delivery No.</u> 8000186823	

Model verified. Scope 1, 2, 3 - Calculation details available on Outokumpu's website

Marking, visual and dimensional inspection: Approved

Outokumpu Stainless AB
Business Area
Operations Avesta
SWEDEN
Tel: +46 (0)226 811 73
Regoffice: Stockholm SWEDEN,
Regno: 556001-8748
V.A.T no: SE556001874801

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Joakim Johansson
Authorized Inspector
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	530989-4	D039165630	4	1419 kg	
10	530989-4	D039165730	5	1769 kg	
10	530989-4	D039165830	4	1417 kg	

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 Authorized Inspector
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0045 - CPR - 0869
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