



Certificate No.
151405

Revision
00

Customer Order No.
022982-1

Production mill
Avesta Plant

Date
17 Aug 2022

Delivery No.
8000151043

Sold to Ovako Metals Oy Ab Atomitie 5A 00370 HELSINKI FINLAND		Product Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307 Finish 1D		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to Ovako Metals Oy Ab Tuotekatu 3 33840 TAMPERE 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 - 20a EN 10028-7:2016 EN 10088-2:2014 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020 ASME SA-480/SA-480M BPVC.II.A-2021 ASTM A480/A480M - 20a EN ISO 9444-2:2010			
Mark of manufacturer outokumpu		Process E+AOD		Inspector's Stamp 	
Sales order Item 10		Dimensions 10,00 X 1500,0 X 3000 mm		Quantity (pcs) 15	
Weight 5327 kg		Heat No. 221155	Lot No. 702	Identification No. of Product 221155-702	Customer's Material No.

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
221155	United Kingdom	0,025	0,33	1,55	0,035	0,001	18,3	8,1	0,069

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
221155-702	Minimum	210	250	520	45	40	201
	Maximum			700			
221155-702	1 T 804842	296	336	616	58	60	183
221155-702	3 T 804843	287	325	603	59	62	174
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
221155-702	1 T 804842	OK	OK				
221155-702	3 T 804843	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

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045

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	This material is found to comply with order requirements KRISTINA WRETSTAM Authorized Inspector certificates.avesta@outokumpu.com
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Certificate No.
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Revision
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Customer Order No.
 022982-1

Production mill
 Avesta Plant

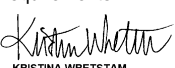
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Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	221155-702	D033147630	3	1067 kg	
10	221155-702	D033147730	3	1065 kg	
10	221155-702	D033147830	3	1063 kg	
10	221155-702	D033147930	3	1067 kg	
10	221155-702	D033148030	3	1065 kg	

Outokumpu Stainless AB
 Business Area
 Operations Avesta
 SWEDEN
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This material is found to comply with order requirements

 KRISTINA WRETSTAM
 Authorized Inspector
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