



Certificate No.
140179



Revision
00

Customer Order No.
15514

Production mill
Avesta Plant

Date
03 Jun 2022

Delivery No.
8000138748

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 Teoollisuuskuj 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 - 20a 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 		Process E+AOD		Inspector's Stamp 	
Sales order Item 10		Dimensions 10,00 X 1500,0 X 3000 mm		Quantity (pcs) 28	
		Weight 9909 kg		Heat No. 220690	
				Lot No. 703	
				Identification No. of Product 220690-703	
				Customer's Material No.	
				Heat No. 220690	
				Lot No. 704	
				Identification No. of Product 220690-704	
				Heat No. 220001	
				Lot No. 701	
				Identification No. of Product 220001-701	


Chemical Composition

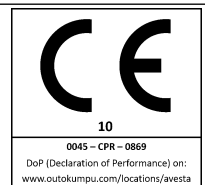
Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
220001	United Kingdom	0,028	0,33	1,42	0,036	0,001	18,6	8,2	0,070
220690	United Kingdom	0,018	0,31	1,41	0,033	0,001	18,3	8,0	0,067

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	
220001-701	Minimum	210	250	520	45	40	201	
	Maximum			700				
220001-701	1 T 794705	332	372	627	55	57	196	
220001-701	3 T 794706	355	394	639	53	55	196	
220690-703	1 T 801397	339	377	625	57	59	196	
220690-703	3 T 801398	342	381	630	56	58	192	
220690-704	1 T 802057	339	379	627	55	57	196	
220690-704	3 T 802058	348	387	626	56	58	196	
		EN ISO 3651-2 A	PMI					
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION						
		Minimum	Maximum					
220001-701	1 T 794705	OK	OK					

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





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		EN ISO 3651-2 A	PMI				
<u>Identification No. of Product</u>	<u>Sample ID</u>	INTERGRANULAR CORROSION	PMI				
	<u>Minimum</u>						
	<u>Maximum</u>						
220001-701	3 T 794706		OK				
220690-703	1 T 801397	OK	OK				
220690-703	3 T 801398		OK				
220690-704	1 T 802057	OK	OK				
220690-704	3 T 802058		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, notified body, Reg-No. 0045

Marking, visual and dimensional inspection: Approved

<p>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</p>	<p>This material is found to comply with order requirements</p>  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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Packing Information

<u>Delivery Item</u>	<u>Identification No. of Product</u>	<u>Batch No.</u>	<u>Quantity(pcs)</u>	<u>Weight</u>	<u>Length</u>
10	220690-703	D031594430	4	1419 kg	
10	220690-703	D031594530	3	1063 kg	
10	220690-704	D031840330	5	1765 kg	
10	220690-704	D031840430	5	1767 kg	
10	220690-704	D031840530	5	1765 kg	
10	220001-701	D031884630	3	1067 kg	
10	220001-701	D031884730	3	1063 kg	

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