



Certificate No.
116084



Revision
00

Customer Order No.
15180

Production mill
Avesta Plant

Date
09 Feb 2022

Delivery No.
8000114562

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTTYLÄ 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 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 - 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) 14	
Weight 4949 kg		Heat No. 37172		Lot No. 2	
Identification No. of Product 37172-2		Customer's Material No. 37172-2		ASME SA-480/SA-480M BPVC.II.A-2021 ASTM A480/A480M - 20a EN ISO 9444-2:2010	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
37172	Finland	0,025	0,39	1,55	0,032	0,001	18,3	8,0	0,060

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
37172-2	Minimum	210	250	520	45	40	201
	Maximum			700			
37172-2	1 T 792629	326	365	624	57	59	192
37172-2	3 T 792630	327	365	627	56	57	187
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
37172-2	1 T 792629	OK	OK				
37172-2	3 T 792630	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, 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  Joakim Johansson Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Certificate No.
 116084

Revision
 00

Customer Order No.
 15180

Production mill
 Avesta Plant


Date
 09 Feb 2022

Delivery No.
 8000114562

Packing Information

Delivery Item	Identification No. of Product	Batch No.	Quantity(pcs)	Weight	Length
10	37172-2	D027572430	5	1771 kg	
10	37172-2	D027572630	4	1413 kg	
10	37172-2	D027572830	5	1765 kg	

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

