

COMPONENTE: VESSEL PART:	LOTTO: LOT:	MATERIALE MATERIAL	FORNITORE SUPPLIER	CERTIFICATO CERTIFICATE	COLATA HEAT
TELAIO FRAME	10102	AISI 304L 1.4307	OUTOKUMPU SPA 436970 / 2021	1000942799	510192-001



CERTIFICATE - ZEUGNIS - CERTIFICAT
EN 10204-3.1
2661466-EN

Invoice No.
Rechnung Nr.
N° de facture
6610/1000942799 1/1

Business Unit / QCM
Avesta Works / Jerker Sterneland

Date Datum Date
29-Jan-2021

Load, Ladung, Charge No
IT/217937

Acknowledged ID, Bestätigung, Commande ID
6610/360020657

Your ref, Ihre Ref., Votre ref 509920	Requirements, Anforderungen, Exigences ASTM A240/A240M-20a ASME BPVC SEC II PART A SA-240/SA-240M Ed 2019 EN 10088-2:2014 EN 10028-7:2016 AD 2000 W2, W10 & EN 10028-7 NACE MR0175 / ISO 15156-3:2015 EN 10088-4:2009 NACE MR0103 / ISO 17945:2015 MILL TOLERANCE STANDARD
Buyer, Besteller, Acheteur OUTOKUMPU SPA VIA AGNELLO, 8 IT 20121, MILANO ITALY	
Consignee, Empfänger, Lieu de livraison OUTOKUMPU S.P.A.	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur outokumpu	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert AJA	Grade, Werkstoff, Nuance Outokumpu Core 304L/4307 TYPE 304 TYPE 304L 1.4301 1.4307
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Product, Erzeugnisform, Produit
Stainless Steel Cold Rolled, Coil
finish 2B, cut edge

Line Reihe Ligne	Item Position Poste	Heat-Lot No Schmelze-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity / Unit Menge / Einheit Quantité / Unité
1	7	510192-001	8,00 X 1500 mm	1	23050 KG

Chemical composition - Chemische Zusammensetzung - Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.019	.31	1.33	.034	.001	18.11	8.05	.37	.003	.007	.33	.17	.058

Radioactive contamination check acc. IAEA recommendations: Approved

Test results - Prüfergebnisse - Résultats desais (1N/mm² = 1 MPa) F = Front - Anfan - Debut B = Back - Ende - Fin T = Transverse - Quer - Travers

Test Ref	Temp °C	RP 0.2 N/MM2	RP 1.0 N/MM2	RM N/MM2	A5 %	2" %	HB
Min	+20	230	260	540	45	40	HB
Max				700			201
F T	+20	292	325	632	58	59	170
B T		294	327	633	58	59	170

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045
Material conforms to NACE MR0175 / ISO 15156-3 in supplied condition
Material conforms to NACE MR0103 / ISO 17945 in supplied condition
Corrosion acc. ASTM A 262-E, EN ISO 3651-2A: Approved
Heat treatment / Solution annealed: Material temp minimum 1040 °C / Quenched (forced air + water)
Steel grade verification (PMI-spectroscopic): Approved
Marking, visual insp. and gauge measurement: Approved
Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

COPY CONFORMING TO THE ORIGINAL Outokumpu S.r.l.	
NAME	
SIGNATURE	

Vs. Ord.

Ns.DDT.

Del

19
436970
03/03/2021

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Business Area Europe
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This material is found to comply with order requirements

Joakim Johansson
Authorized Inspector

