

COMPONENTE: VESSEL PART:	LOTTO: LOT:	MATERIALE MATERIAL	FORNITORE SUPPLIER	CERTIFICATO CERTIFICATE	COLATA HEAT
TELAIO FRAME	10108	AIISI 304L 1.4307	OUTOKUMPU SPA 439447 / 2021	1000946878	510443-004



CERTIFICATE - ZEUGNIS - CERTIFICAT

EN 10204-3.1
2663587-EN

Invoice No.
Rechnung Nr.
N° de facture
6610/1000946878

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Business Unit / OCM
Avesta Works / Jerker Sterneland

Date / Datum / Date
10-Feb-2021

Load / Ladung / Charge No
IT/218664

Acknowledged ID, Bestätigung, Commande ID
6610/360020777

Your ref., Ihre Ref., Votre ref. 509960		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 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poison de l'expert 	Grade, Werkstoff, Nuance Outokumpu Core 304L/4307 TYPE 304 TYPE 304L 1.4301 1.4307										
Product, Erzeugnisform, Produit Stainless Steel Hot Rolled, Coil finish 1D, cut edge													
Line Reihe Ligne	Item Position Poste	Heat-Lot No Schmelze-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions 12,00 X 1500 mm										
1	7	510443-004											
		Pieces Stückzahl Nombre 1	Quantity / Unit Menge / Einheit Quantité / Unité 23040 KG										
Chemical composition - Chemische Zusammensetzung - Composition chimiques													
Heat	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
	.021	.35	1.37	.032	.001	18.12	8.05	.47	.004	.006	.38	.16	.069
Radioactive contamination check acc. IAEA recommendations: Approved													
Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1 MPa) F = Front - Anfang - Debut B = Back - Ende - Fin T = Transverse - Quer - Travers													
Test Ref	Temp	RP	0.2	RP	1.0	RM	A5	2"	HB				
	°C	N/MM2		N/MM2		N/MM2	%	%	HB				
Min	+20	230		260		520	45	40					
Max						700			201				
F T	+20	307		344		613	58	61	187				
B T		347		384		631	57	59	196				
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													



Vs. Ord.
Ns.DDT.
Del

223
439447 +
03/05/2021

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This material is found to comply with order requirements

Joakim Johansson
Authorized Inspector

