



Business Unit / QCM
Avesta Works / Jerker Sterneland

Date Datum Date
28-Dec-2020

Load, Ladung, Charge No
IT/216331

Acknowledged ID, Bestätigung, Commande ID
6610/300585637

Your ref, Ihre Ref., Votre ref OF-2020-0000122.		Requirements, Anforderungen, Exigences ASTM A240/A240M-20 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 EN 10088-4:2009 NACE MR0103 / ISO 17945:2015 EN ISO 9444-2 / ASTM A480M
Buyer, Besteller, Acheteur L.S.I. LAMIERE SPECIALI INOX S.P.A. VIA GIULIO NATTA 7/A IT 43100, PARMA ITALY		
Consignee, Empfänger, Lieu de livraison L.S.I. LAMIERE SPECIALI INOX 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 	Grade, Werkstoff, Nuance Outokumpu Core 304L/4307 TYPE 304 TYPE 304L 1.4301 1.4307
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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	Pieces Stückzahl Nombre	Quantity / Unit Menge / Einheit Quantité / Unité	
1	5	504638-001	12,00 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	.022	.35	1.33	.034	.001	18.10	8.05	.36	.002	.002	.39	.17	.060

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	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	345	379	628	57	60	196		
B T		331	368	626	56	59	196		

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