

Business Unit / QCM

Avesta Works / Jerker Sterneland

Date Datum Data

08-Sep-2020

Load, Ladung, Charge No

Acknowledged ID, Bestätigung, Commande ID


6610/300542311

Your ref, Ihre Ref., Votre ref

requirements, Anforderungen, Exigencias

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
 NACE MR0175 / ISO 15156-3:2015
 EN 10088-4:2009
 NACE MR0103 / ISO 17945:2015
 EN ISO 9444-2 / ASTM A480M

Consignee, Empfänger, Lieu de livraison

Mark of Manufacturer
Zeichen des Lieferwerkes
Signo de producteuroutokumpu Process
Erschmelzungsart
Mode de fusion

E+AOD

Inspector's stamp
Zeichen des Sachverständigen
Palcon de l'expertGrade, Werkstoff, Nuance
Outokumpu Supra 316Ti/4571
TYPE 316Ti
1.4571Product, Erzeugnisform, Produit
Stainless Steel Hot Rolled, Coil
finish 1D, cut edge

Line Reihe Ligne	Item Position Posto	Heat-Lot No Schmelz-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity / Unit Menge / Einheit Quantité / Unité
1	8	503012-002	10,00 X 1500 mm	1	22790 KG

Chemical composition - Chemische Zusammensetzung - Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.048	.57	1.12	.034	.001	16.92	10.55	2.02	.380	.017	.47	.20	.013

Radioactive contamination check acc. IAEA recommendations: Approved

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

Test Ref	Temp °C	RP			RM N/MM2	A5		HB
		0.2	1.0	2"		%	%	
Min	+20	240	270	540	40	40		
Max				690			217	
F T	+20	330	370	612	51	53	183	
B T		329	369	615	51	52	187	

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

Outokumpu Stainless AB

Business Area Europe

AVESTA WORKS

SWEDEN

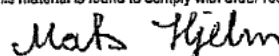
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V.A.T no: SE556001874801

This material is found to comply with order requirements


Mats Hjelm
Authorized Inspector
 13
 0001 - 0001
 Declaration of Performance
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