



Business Unit / QCM Date Datum Date Load, Ladung, Charge No Acknowledged ID, Bestätigung, Commande ID
Avesta Works / Johan Nordström 24-Apr-2017 SE/SE7O-4063 6610/720425

Your ref., Ihre Ref., Votre ref 200146		Requirements, Anforderungen, Exigences ASTM A 240M-16a ASME BPVC SEC II PART A SA-240/SA-240M 2015 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 EN ISO 9444-2 / ASTM A480M	
Buyer, Besteller, Acheteur OUTOKUMPU NORDIC AB BOX 1134 SE-631 80, ESKILSTUNA SWEDEN			
Consignee, Empfänger, Lieu de livraison OUTOKUMPU NORDIC AB			
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-Plate
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	571195-003	10,00 X 1500 X 3000 mm	12	4290 KG

Chemical composition - Chemische Zusammensetzung - Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.017	.31	1.31	.035	.001	18.22	8.07	.42	.003	.019	.38	.170	.070

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 0.2 N/MM2	RP 1.0 N/MM2	RM N/MM2	A5 %	2" %	HB
Min	+20	230	260	520	45	40	
Max				700			201
F T	+20	325	373	627	57	59	187
B T		328	376	626	57	59	192

Material conforms to NACE MR0175/ISO 15156 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. Pressure Equipment Directive (2014/68/EU) by TÜV CERT-Certification body
for pressure equipment of the TÜV NORD Systems; notified body, reg-no. 0045.