

Business Unit / QCM



Avesta Works / Johan Nordström

Date Datum Date  
01-Nov-2016

Load, Ladung, Charge No  
FI/FI6O-4136

Acknowledged ID, Bestätigung, Commande ID  
6610/631110

Your ref, Ihre Ref., Votre ref P047208		Requirements, Anforderungen, Exigences ASTM A 240M-16 ASME 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 BE GROUP OY AB HELSINGINTIE 50 PO BOX 54 FI FI-15100, LAHTI FINLAND			
Consignee, Empfänger, Lieu de livraison BE GROUP OY AB			

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur 	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-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	9	E161572-703	12,00 X 1500 X 3000 mm	9	3858 KG

Chemical composition – Chemische Zusammensetzung – Composition chimiques

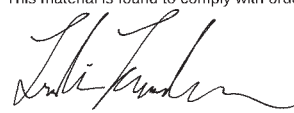
	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Nb	Cu	Co	N
Heat	.020	.32	1.23	.034	.001	18.10	8.09	.34	.004	.018	.50	.169	.066

Radioactive contamination check acc. IAEA recommendations: Approved

Test results – Prüfergebnisse – Résultats des essais (1N/mm<sup>2</sup> = 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	HB
Max				700			201
F T	+20	349	392	619	57	60	196
B T		321	365	612	60	62	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  
Approved acc. AD 2000 Merkblatt W0 by TÜV NORD Systems with renounce of countersignment  
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.

  
Joakim Johansson  
Authorized Inspector

