



Business Unit / GCM
Avesta Works / Johan Nordström

Date Datum Date
10-Jan-2014

Load, Ladung, Charge No
FI96037

Acknowledged ID, Bestätigung, Commande ID
6610/300270901

Your ref, Ihre Ref., Votre ref P014472	Requirements, Anforderungen, Exigencias ASTM A 240-13a ASME SEC II PART A SA-240/SA-240M 2011a EN 10088-2:2005 AD 2000 W2, W10 & EN 10028-7 EN 10088-4:2009 EN ISO 9444-2 / ASTM A480M
Buyer, Besteller, Acheteur BE Group Oy Ab Helsingintie 50 FI 15100, LAHTI FINLAND	
Consignee, Empfänger, Lieu de livraison BE Group Oy Ab	

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur outokumpu	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poison de l'expert 	Grade, Werkstoff, Nuance Outokumpu 18-8L TYPE 304 TYPE 304L 1.4301 1.4307
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Product, Erzeugnisform, Produkt
Stainless Steel Hot Rolled, Coil-Plate
finish 1D, cut edge

Line Reihe Ligne	Item Position Poste	Heat/Lot No Schmelz-/Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity / Unit Menge / Einheit Quantité / Unité
1	2	433498-004	10,00 X 1500 X 3000 mm	11	3925 KG

Chemical composition - Chemische Zusammensetzung - Composition chimique

	C	Si	Mn	P	S	Cr	Ni	Nb	Cu	Co	N
Heat	.018	.30	1.61	.032	.001	18.39	8.12	.003	.37	.150	.069

Radioactive contamination check acc. IAEA recommendations: Satisfactory

Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1 MPa) F = Front - Anfan - Dohva B = Back - Ende - Fle T = Transverso - Quer - ravors

Test Ref	Temp °C	RP 0.2 N/MM2	RP 1.0 N/MM2	RM N/MM2	A5 %	2" %	HB HB
Min	+20	230	260	520	45	40	
Max				700			201
F T	+20	316	366	617	58	60	178
B T		323	372	619	58	60	174

Corrosion acc. ASTM A 262-E, EN ISO 3651-2A: Satisfactory
Heat treatment / Solution annealed: Material temperature 1100 °C / Quenched (forced air + water)
Steel grade verification (PMI-spectroscopic): OK
Marking, visual insp. and gauge measurement: Satisfactory
Approved acc. AD 2000 Merkblatt W0 by TÜV NORD Systems with renouance of countersignment
Certified acc. Pressure Equipment Directive (97/23/EC) by TÜV CERT-Certification body
for pressure equipment of the TÜV NORD Systems; notified body, reg-no. 0045.

Outokumpu Stainless AB Telephone: + 46 (0)228 811 73
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SWEDEN
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This material is found to comply with order requirements

Jarkim Johansson
Authorized Inspector

