


Business Unit / QCM Date Datum Date Load, Ladung, Charge No Acknowledged ID, Bestätigung, Commande ID  
**Avesta Works / Jerker Sterneland 13-Mar-2020 NO/202853 6610/300558546**

Your ref, Ihre Ref., Votre ref <b>842346/Norsok</b>		Requirements, Anforderungen, Exigences <b>ASTM A 240M-18 ASME BPVC SEC II PART A SA-240/SA-240M Ed 2019 EN 10088-2:2014 EN 10028-7:2016 NACE MR0175 / ISO 15156-3:2015 EN 10088-4:2009 NACE MR0103 / ISO 17945:2015 NORSOK Standard M-630, Ed 6, MDS D55, Rev 5 EN ISO 9445-2</b>	
Buyer, Besteller, Acheteur <b>Sverdrup Steel AS Strandsvingen 2 NO 4032, Stavanger NORWAY</b>			
Consignee, Empfänger, Lieu de livraison <b>Sverdrup Steel AS</b>			

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur <b>outokumpu</b>	Process Erschmelzungsart Mode de fusion <b>E+AOD</b>	Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert 	Grade, Werkstoff, Nuance <b>Outokumpu Forta SDX 2507 UNS S32750 1.4410</b>
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Product, Erzeugnisform, Produit  
**Stainless Steel Cold Rolled, Coil-Plate  
finish 2E, pickled, 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	2	593795-006	2,00 X 1500 X 3000 mm	10	700 KG

Chemical composition – Chemische Zusammensetzung – Composition chimiques

	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
Heat	.017	.34	.62	.028	.001	25.06	6.65	3.78	.26	.296

Radioactive contamination check acc. IAEA recommendations: **Approved**

Test results – Prüfergebnisse – Results desais (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	2" %	A80 %	HB	FEH %
Min	+20	550		795	15	25		35.0
Max				1000			301	55.0
F T	+20	721	787	927	30	30	264	47.0
B T		708	777	918	31	31	258	49.0

**Corrosion acc. EN ISO 3651-2C: Approved**  
**Material conforms to NACE MR0103 / ISO 17945 in supplied condition**  
**PREN: Cr + 3,3Mo + 16N = 42.3**  
**Material conforms to NACE MR0175 / ISO 15156-3 in supplied condition**  
**Heat treatment / Solution annealed: Material temp minimum 1160 °C / Quenched (forced air + water)**  
**All supplied items fulfill the heat treatment requirements, including time, temperature and speed, acc. to the qualified procedure**  
**QTR No: 2507 - 2014**  
**Corrosion acc. ASTM G 48-A 50 °C - 24H: Approved**  
**Intermetallic phases and/or precipitates acc. to NORSOK MDS D55 Rev. 5: No indications**  
**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**