

INSPECTION CERTIFICATE acc to EN 10 204 3.1

Processkontroll Items AB Box 2088 444 02 STORA HÖGA SWEDEN

INSPECTION STAMP QA-TUBE

Customer Reference	S Customer order 2013-02-	: Orde 3224 21 ABSN	er No. 180	544991 C.Code		Dispatch 54	note
003-00991 ITEMS							
Material descripti SEAMLESS STAINLESS HYDRAULIC TUBING			lvik	rial Desi	gnation SS 2353	IS	
Steel making proce Electric furnace	SS						
Technical requirem SS 219713 Condition No -24	ents						
EXTENT OF DELIVERY							
-		Heat I 047904 9			M 900.00	0	
	t No. 541	1	[otal	KEY Lot	TO LOT Code	900.00 Lot No. 4855740/2	
TEST RESULTS Chemical compositi Heat C	on (weight%) Si Mn	P	S	С	r	Ni	Мо
047904 0.018 N 047904 0.046	0.41 1.59	0.028	30.	012 17.	33 1	3.12	2.53
MPa MPa M		Tensi] MPa	le stre	ngth El %	ongatio	n	
Lot Rp0. 98262 281	2 Rp1.0 327	Rm 601		A 52			
Quality assurance - Per Eriksson / QA-manager							

MTC Service / Certificates

AB SANDVIK MATERIALS TECHNOLOGY Reg No. 556234-6832 VAT No. SE663000-060901 SE-81181 SANDVIKEN SWEDEN www.smt.sandvik.com mtc_service.smt@sandvik.com CERTIFICATE



Following controls/tests have been satisfactorily performed: - Flattening test. - PMI-test. - Intergranular corrosion test acc. to EN ISO3651-2, Method A. - Leak test: Eddy current test acc to SS 114301/114305 E1 - Visual inspection and dimensional control. Heat Treatment: Solution annealed and quenched. The raw material is free from radioactive contamination. Material free from mercury contamination. The number of tests are based on the size of the manufacturing lot before cutting to finished lengths. The delivered products comply with the specifications and requirements of the order. The material is manufactured according to a Quality system, approved and registered to ISO 9001:2008. The certificate is produced with EDP and valid without signature. TEST RESULTS TRANSFERRED FROM CERTIFICATE NO A130215