

INSPECTION CERTIFICATE acc to Processkontroll Items AB EN 10204 3.1

Box 2088 444 02 STORA HÖGA SWEDEN

INSPECTION STAMP QA-TUBE

Customer References	Sandvik References						
	Customer	Order No.	Subs N	O. ABSM	r Dispatch	n note	
753317	order	438876	608784	2073	7/54		
	2016-04-20	ABSMT No.	C.Code				
		300-45599					
003-00991 ITEMS			10				
Material description		Steel/material Designations					
SEAMLESS STAINLESS COLD	FINISHED	Sandvik	FIGE DC	SS	5110		
HYDRAULIC TUBING	1 1111011110	3R60		2353	2		
IIIDIAIOLIC IODIAG				200.			
Steel making process							
Electric furnace							
Technical requirements SS 219713							
Condition No -24							
EXTENT OF DELIVERY		L T.L T		77			
It Product design 01 THT-3R60-16-2		t Lot F 224 93605	ieces 50	Kg 219.0			
16.00×2.00	040	224 93005	50	219.0	300.0	0	
10.00 X 2.00							
		Total	50	219.0	300.0	0	
		IUCAL				0	
KEY TO HEAT			EY TO LO				
Heat Code Heat No.					Lot No.		
048224 543653			9	3605	182224		
TEST RESULTS							
Chemical composition (w	-	_		-			
Heat C Si	Mn	P S		Cr	Ni	Mo	
048224 0.019 0.42	1.59	0.032 0.	007 I	1.21	13.19	2.62	
N							
048224 0.037							
	_						
Tensile test at room te							
-		ensile stre	ength	-	longation		
MPa MP		Pa		%			
Lot Rp0.2 Rp		m		A			
93605 266 31		78		41			
263 30		77		43			
266 31	6 5	76		42			
	٥						
Quality assurance – Lars-Åke Bergqvist / 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. No unauthorized alterations. The contents of this Inspection Certificate may not be modified or revised in any way without the prior written approval of AB Sandvik Materials Technology. Unauthorized alterations to the Inspection Certificate, including introduction of false, fictitious or fraudulent statements or entries, may be punishable by fines, imprisonment, or both. This Inspection Certificate may be copied only in the manner and for the purposes specified in Section 6 of EN 10204:2004. Contravention of this notice will be prosecuted to the fullest extent of applicable law. The certificate is produced with EDP and valid without signature. TEST RESULTS TRANSFERRED FROM CERTIFICATE NO 182224