


INSPECTION CERTIFICATE acc to Processkontroll Items AB EN 10 204 3.1

Box 2088 444 02 STORA HÖGA SWEDEN

INSPECTION STAMP QA-TUBE

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AB SANDVIK MATERIALS TECHNOLOGY Reg No. 556234-6832 VAT No. SE663000-060901 SE-81181 SANDVIKEN SWEDEN www.smt.sandvik.com mtc_service.smt@sandvik.co										
Quali	Quality assurance – Lars-Åke Bergqvist / QA-manager MTC Service / Certificates									
38831		267	307	589			6 58			
Lot		MPa Rp0.2	MPa	MPa Rm		-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5		
Tensile t	cest a		temperatur strength		le stre	ngth E	longati	lon		
541319	N 0.031									
541319	0.021			0.028			.60	13.00	мо 2.53	
Chemical Heat	compc C	sition, Si	product (Mn		s		Cr	Ni	Мо	
541319	N 0.034									
	compc C	S	(weight%) . Mn 1 1.66	P 0.031	s		Cr .48	Ni 13.12	Mo 2.53	
TEST RESU	JLTS			Г	otal	1	6.0	6	.00	
02 1	CHT-3R		gnation 05-2.41			lieces 1	Kg 6.0		4 . 00	
PED 97/23 HRB MAX 8	30		9-5 TCl							
NACE MR01	L3-13 L75/IS	AW, ASN 50 15156	IE SA-213-E 5-3:2009	D-10 AD-11	A AW,	ASTM A-2	59-13			
Steel ma Electric										
SEAMLESS INSTRUMEN)LD FINISHE IG	2D Sand 3R60 EN r 1.44	10		AISI TP316/TP316L			
Material	descr	iption		Stee	el/mate	rial Des	ignatic	ons		
003-00991	L ITE	MS	2019-0		-24083					
751374			Custom order 2015-0	3925	545	Subs No 583989 C.Code	. ABSMT 40039	-	ch note	



Hardness test								
	Min	Max						
Lot 38831	HRB 74	HRB 76						
30031	/4	76						
 Flattening t Flaring test PMI-test. Intergranula Leak test: E 	est. ar corrosio Eddy curren	have been satisfactorily performed: n test acc to ASTM A-262 PR.E t test acc to EN 10246-2, ASME SA-1016. dimensional control.						
Heat Treatment: Solution annealed at a temperature of Min 1040° C and quenched.								
Marking: SANDVIK 3R60 ASTM/ASME A/SA-213 A-269 EN 10216-5 TC1 EN 10305-1 COLD AW EN 1.4 435 TP316/316L CFA SMLS NDE 19.05 X 2.41 MM 3/4'' X 13 BWG HT 541319 SS LOT 38 831 MADE BY SANDVIK IN SWEDEN *QA-TUBE*								
The raw material is free from radioactive contamination.								
Material free from mercury contamination.								
Approved acc. AD 2000-Merkblatt W0 and certified acc. to Pressure Equipment Directive (97/23/EC) by TUEV NORD; notified body, reg.no. 0045.								
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 certificat	e is produ	ced with EDP and valid without signature.						