

INSPECTION CERTIFICATE acc to

A03/Z0)2		
No.	A/20-917837	Rev	00
Date	2020-10-22	Page	1/2

A06 PROCESSKONTROLL ITEMS AB BOX 2088 444 02 STORA HÖGA SWEDEN

INSPECTION STAMP

QA-TUBE

EN 10204 3.1

A02/Z03

Customer References	Sandvik References A0				
760127	Customer order 2020-10-09	Order No. 560534 ABSMT No. 300-24708	689720 C.Code	ABSMT Dispatch 26830/54	note
003-00991 ITEMS			10		
Material description SEAMLESS STAINLESS COLD FINIS HYDRAULIC TUBING	B01/B04 SHED	Steel/mater Sandvik 3R60 EN no 1.4435	rial Desig	nations AISI TP316/TP316L	В02
Metallurgical process Electric furnace	C70				

Technical requirements

ASTM A-213-19 AW, ASME SA-213-ED-19 AW, ASTM A-269-15A NACE MR0175/ISO 15156-3:-2015, NACE MR0103/ISO 17945-1:-2015 PED 2014/68/EU EN 10216-5 TC1 HRB MAX 80

CERTIFICATE

EXTENT C	F DELIVE	RY							B07-B
It	Product	designat	ion	Heat	Lot	Pieces	Kg	1	M
02	THT-3R60-	-6-1		559662	31336	50	39.0	300	.00
	6.00 X 1	.00							
					Total	50	39.0	300	.00
TEST RES	ULTS								
Chemical	composit	tion (weig	ght%)						
Heat	C	Si	Mn	Р		S	Cr	Ni	Mo
559662	0.018	0.39	1.75	0.0	34 (800.0	17.24	13.08	2.62
	N								
559662	0.032								
Chemical	. composit	tion, pro	duct (w	eight%)					
Heat	C	Si	Mn	Р		S	Cr	Ni	Mo
559662	0.017	0.39	1.74	0.0	34 (0.006	17.30	13.12	2.62
	N								
559662	0.036								

Quality assurance - Sofia Åkesson / Q-Manager MTC Service / Certificates A05/Z02

B03





Tensile test	at room	temperatur	9		
0000	Tensile test at room temperature Yield strength		Tensile strength	Elono	gation
	MPA	MPa	MPa	%	8
Lot	Rp0.2	Rp1.0	Rm	А	4D
31336	320	356	587	48	48
- 1					
Hardness test	Min	Max			
Lot	HRB	HRB			
31336	70	71			
- Flattening	test.	ests have b	een satisfactorily p	erformed	1:
- Flaring tes					
 100% PMI-te Intergranul EN ISO 3651 	ar corr	osion test a	acc to ASTM A-262 PR	.E and	
		rrent test a	acc to EN ISO 10893-	1, ASME	SA-1016.
			onal control.	,	
Heat Treatmer Solution anne		a temperat	ure of Min 1040° C a:	nd quenc	ched.
			E SA213 COLD EN10216 HT 559662 SS LOT 313		
The raw mater	ial is	free from ra	adioactive contamina	tion.	
Material free	e from m	ercury conta	amination.		
No welding or	weld r	epair.			
	.pment D	irective (2	W0 and certified ac 014/68/EU, Annex 1 p o. 0045.) by
The number of before cuttir			n the size of the ma ths.	nufactur	ring lot
The delivered requirements			ith the specificatio	ns and	
The material approved and			cording to a Quality 9001:2015.	system,	,
Certificate m prior writter Unauthorized introduction may be punish Certificate m specified in	ay not approv alterat of fals able by ay be c Section	be modified al of AB San ions to the e, fictition fines, imp opied only 6 of EN 1	e contents of this I or revised in any w ndvik Materials Tech Inspection Certific us or fraudulent sta risonment, or both. in the manner and fo 0204:2004. Contraven st extent of applica	ay witho nology. ate, ino tements This Ins r the pu tion of	out the cluding or entries, spection urposes this notice
The certifica	ate is p	roduced wit	h EDP and valid with	out sigr	nature.

