

INSPECTION STAMP

QA-TUBE

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INSPECTION CERTIFICATE acc to EN 10204 3.1

PROCESSKONTROLL ITEMS AB BOX 2088 444 02 STORA HÖGA SWEDEN

Sandvik References					
Order No. Subs No. ABSMT Dispatch note					
535871 669821 44638/54					
2 ABSMT No. C.Code					
300-96154 15					
Steel/material Designations					
Sandvik AISI					
3R60 TP316/TP316L					
EN no					
1,4435					
0					

ASTM A-213-18 AW, ASME SA-213-ED-17 AW, ASTM A-269-15A NACE MR0175/ISO 15156-3:2015, NACE MR0103/ISO 17945-1:2016 PED 2014/68/EU EN 10216-5 TC1 HRB MAX 80

EXTENT C	OF DELIVE	RY							
It	Product	designat	ion	Heat	Lot	Pieces	Kg	1	м
01	THT-3R60-8-1.5		555064	54273 25		35.0	) 150	150.00	
	8.00 X 1	.50							
					Total	25	35.0	) 150	.00
TEST RES	SULTS								
Chemical	L composit	tion (weig	ght%)						
Heat	C	Si	Mn	Р		S	Cr	Ni	Мо
555064	0.018	0.40	1.62	0.0	32 (	0.010	17.28	13.11	2.63
	N								
555064	0.041								
Chemical	L composit	tion, pro	duct (w	eight%)					
Heat	C	Si	Mn	Р		S	Cr	Ni	Мо
555064	0.015	0.41	1.62	0.0	32 (	0.010	17.30	13.13	2.64
	N								
555064	0.043								

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



CERTIFICATE

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r							
Tensile test	at room Yield	-		Tongilo	strength	Flong	gation
	MPA	MPa	igun	MPa	strength	& %	8
Lot	Rp0.2		0	Rm		A	4D
54273	386	436	•	642		50	50
Hardness test							
L	Min		Max				
<b>Lot</b> 54273	HRB		HRB				
54273	76		78				
Following con - Flattening - Flaring tes - 100% PMI-te	test. t st.						1:
- Intergranul		rosion	test acc	to ASTM	A-262 PR.E	and	
EN ISO 3651					aa 10000 1		
- Leak test: - Visual insp						ASME	SA-1016.
Heat Treatmen	t:						
Solution anne	aled at	ate	emperature	of Min	1040° C and	quenc	ched.
							AW EN 1.4435 TP316/3 IN SWEDEN *QA-TUBE*
The raw mater	ial is	free	from radi	oactive	contaminati	on.	
Material free	from m	nercur	y contami	nation.			
No welding or	weld r	repair	•				
Approved acc. Pressure Equi TUEV NORD; no	pment D	irect	ive (2014	/68/EU,			by
The number of before cuttin					of the manu	factur	ring lot
The delivered requirements				the spe	cifications	and	
The material approved and					a Quality s	ystem,	
No unauthoriz Certificate m prior written Unauthorized introduction may be punish Certificate m specified in will be prose	ay not approv alterat of fals able by ay be c Section	be mo val of se, fi fine copied of of	AB Sandv to the In ctitious s, impris only in EN 1020	revised ik Mater spection or fraud onment, the mann 4:2004.	in any way ials Techno Certificat ulent state or both. Th er and for Contraventi	withc logy. e, inc ments is Ins the pu on of	out the cluding or entries, spection arposes this notice
The certifica	te is p	roduc	ed with E	DP and v	alid withou	t sign	nature.