



CERTIFICATE

A03/Z02

No. A/22-994671

Rev

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Date

2022-02-08

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A02/Z03

INSPECTION CERTIFICATE acc to
EN 10204 3.1

A06

PROCESSKONTROLL ITEMS AB
BOX 2088
444 02 STORA HÖGA
SWEDEN

INSPECTION STAMP

QA-TUBE

Customer References A07 762203/Holmgren 003-00991 ITEMS -W	Sandvik References A08 Order No. Subs No. SMT Dispatch note 581937 707377 07309/54 SMT No. C.Code 300-40512 58
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Material description B01/B04 SEAMLESS STAINLESS COLD FINISHED HYDRAULIC TUBING Metallurgical process Origin C70 Electric furnace Chomutov	Steel/material Designations B02 Sandvik EN no 5R75 1.4571
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Technical requirements PED 2014/68/EU EN 10216-5 TC1 NACE MR0175/ISO 15156-3:-2015 HRB MAX 90	B03
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EXTENT OF DELIVERY							B07-B13	
It	Product designation	Heat	Lot	Pieces	Kg	M		
01	THT-5R75-25-2 25.00 X 2.00	040942	92569	11	75.0	66.00		
				Total	11	75.0	66.00	
KEY TO HEAT				KEY TO LOT				
Heat Code	Heat No.			Lot Code	Lot No.			
040942	560523			92569	2020584-11			
TEST RESULTS								
Chemical composition (weight%)								
Heat	C	Si	Mn	P	S	Cr	Ni	Mo
040942	0.035	0.38	1.16	0.027	0.009	16.67	12.08	2.01
	Ti	N						
040942	0.40	0.012						

Quality assurance - Sofia Åkesson / Q-Manager MTC Service / Certificates	A05/Z02
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**Tensile test at room temperature**

Lot	Yield strength		Tensile strength	Elongation
	MPa	MPa	MPa	%
	Rp0.2	Rp1.0	Rm	A
92569	259	295	600	57

Hardness test

Lot	Min	Max
	HRB	HRB
92569	78	78

Following controls/tests have been satisfactorily performed:

- Flaring test
- 100% PMI-test.
- Intergranular corrosion test acc. to EN ISO3651-2, Method A.
- Leak test: Eddy current test acc to EN ISO 10893-1
- Visual inspection and dimensional control.

Heat Treatment:

Solution annealed and quenched.

Marking:

SANDVIK 5R75 EN10216-5 TC1 EN10305-1 WNR 1.4571 EN 1.4571 CFA 25.00 X 2.00 MM
HT 560523 SZ LOT 2020584-11 MADE BY SANDVIK IN CZECH REPUBLIC *QA-TUBE*

The raw material is free from radioactive contamination.

Material free from mercury contamination.

No welding or weld repair.

Approved acc. AD 2000-Merkblatt W0 and certified acc. to Pressure Equipment Directive (2014/68/EU, Annex 1 para 4.3) 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 9001:2015.

No unauthorized alterations. The contents of this Inspection Certificate may not be modified or revised in any way without the prior written approval of 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 C-1299/20

