



CERTIFICATE

TUV SUD BABT Unlimited

certifies that

Feinrohren S.p.A.
Via Generale Reverberi, 8
25050 Passirano (BS)
Italy

has implemented, operates and maintains a

**Quality Assurance System in accordance with the
Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4, Para.
31 (8) as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

copper tubes

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. C-722302411-23.

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment (Safety) Regulation 2016/1105. Possible additional requirements - specific to applied technical specifications to meet PER 2016/1105, Schedule 2 - are not affected.

This certificate is valid through 2026-06-29.

In order to adhere the validity an annual surveillance audit is required.

Certificate No.: PER-0168-QS-M 3308656/2023/MUC-01
Fareham, 2023-06-29

TUV SUD BABT Unlimited

(Dirk Schroeter)

Certification Body
Materials and Permanent Joining

TUV SUD BABT Unlimited
Octagon House, Concorde Way Segensworth North,
Fareham, Hampshire, PO 15 5RL, United Kingdom

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29.06.2023

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СЕРТИФИКАТ

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**Scope of the approval – Manufacturer of material in accordance with
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

Annex to certificate no.
PER-0168-QS-M 3308656/2023/MUC-01 von / dated 2023-06-29

Name: Feinrohren S.p.A. Street: Via Generale Reverberi, 8 City: 25050 – Passirano (BS)	Country: I	Date: rev. 0 2023-06-29	Page 1 of 1	Competent Body of TUV SUD BABT Unlimited
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No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-722302411-23 dated 2023-03-14
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t	value	Spec.	No.	
						from	to	from	to	↓				
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
1)	Cu-DHP – CW024A	EN	12735-1	R220 R250 R290	Copper Tube	0,8	5,00	3,0	108,0					*) To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory. For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.
2)	Cu-DHP	EN	12735-2	Y35 Y40 R290	Copper Tube	0,6 0,25 0,60	5,00 5,00 5,00	3,79	108,0					
3)	Cu-DHP	EN	13348	R220 R250 R290	Copper Tube	0,60	5,00	6,00	108,0					
4)	Cu-DHP	EN	1057	R220 R250 R290	Copper Tube	0,50	5,00	6,00	108,0					

Explanation: AT = solution annealed NT = normalized and tempererd N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed
 QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled
 a = material designation in column 10 b = condition in column 10 c = object in column 10
 d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10