

**BRAZER/BRAZER OPERATOR QUALIFICATION
TEST CERTIFICATE**

ACCORDING TO UNI EN ISO 13585:2012



No. **22TO00450PW1**

Designation	UNI EN ISO 13585 - 912 T O D CuP 180 FF t2 D54 L25 VU		
Brazer's name	ARTESE PROSPERO LUCA	Stamp No.	-
Born in	TORINO (TO)	on	22/08/1971
Employer/Manufacturer	TORINO ARIA SYSTEM SERVICE SRLS - Torino (TO)		

Manufacturer's brazing procedure reference No.: **01/22**

Job knowledge: **not tested**

Brazing variables	Test details	Range of qualification
Brazing process	Torch brazing	Torch brazing
Degree of mechanization	Manual	Manual and mechanized
Product type	Pipe	Pipe
Type of joint	Overlap joint	Overlap joint
Parent material group(s) ISO 15608	Group 31	Groups 31,32,33,34,37,38
Brazing filler type (ISO 17672)	CuP 180	All compatible
Brazing filler application	Face fed	Face fed, Pre-placed
Material thickness (mm)	2	1 to 4
Pipe outside diameter (mm)	54	Max. 54
Overlap length (mm)	25	Max. 25
Filler metal flow direction	Vertical up-flow	All flow directions

Type of test							
Visual	Acceptable	Radiographic	Not tested	Penetrant	Not tested	Metallographic	Acceptable
Shear	Not tested	Peel	Not tested	Bend	Not tested	Tensile	Not tested

This certificate is valid from	21 May 2022	to	21 May 2025
Issued at	GENOVA	on	16 June 2022

This certificate consist of 2 pages

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PRD N° 002 B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

Filippo Lago
(Italy Welding & Pressure Equipments, Personnel Certification & Laboratories Director)

RINA Services S.p.A.

PED No. Bo. 0474

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**Prolongation of approval by employer /
coordinator for the following 6 months**

**Prolongation of approval by examiner or
test body for the following 2 years**

Date	Signature	Position or title	Date	Signature	Position or title

The validity of this certificate is subject to compliance with the RINA document "Rules for the Certification of Industrial Welders and Welding Operators" in force upon release of this certificate

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