LABORATORY RECOGNITION STATEMENT
No. **REC094821XP/001**

This is to certify that:

Description	**Laboratory Recognition**
Type	**Non- destructive tests and measurements of materials and products of marine and industrial structures and equipment.**
Applicant	**Technic-Control Sp. z o.o.** **UL. ANTOSIEWICZA 1** **71-642 Szczecin** **POLAND**
Reference standards	**RINA Rules for the Recognition of Testing Laboratories**

has been found in compliance with the requirements of the RINA "RULES FOR THE ASSESSMENT OF TESTING LABORATORIES" for the performance of the tests listed in the attachment to this certificate

Issued in **RINA Poland Marine** on **October 25, 2021**. *This Certificate is valid until* **October 1, 2024**.

Adam K. Lobodzinski
Principal Marine Surveyor
Head of Poland Marine
Jurisdiction: Poland, Slovakia, Czech Republic

RINA Services S.p.A.
Adam Konrad Lobodzinski

This certificate consists of this page and 1 enclosure

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

LABORATORY RECOGNITION STATEMENT

No. **REC094821XP/001**

Enclosure - Page 1 of 1

Non- destructive tests and measurements of materials and products of marine and industrial structures and equipment.

RINA Poland Marine October, 25 2021

PROVA - *TEST*	STANDARD	PROVA - *TEST*	STANDARD
RADIOGRAPHIC TESTS (RT) Welded joints Fe up to 60 mm thick, metal products Fe up to 60 mm thick (internal discontinuities) Technics: RT-F; RT-CR	PN-EN 1435:2001 PN-EN 1435/A1:2005 PN-EN ISO 17636-1:2013 PN-EN ISO 17636-2:2013 PN-EN ISO 5579:2014 PN-EN ISO 16371-2:2018 PN-EN 444:1998 PN-EN 14784-2:2007	ULTRASONIC TESTS (UT) Welded joints from 8 mm, castings, forgins, metallurgical products from 6 mm (welding defects, internal defects, internal discontinuities) Technics: UT-PE; UT-PA; UT-TOFD	PN-EN ISO 17640:2019 PN-EN ISO 13588:2019 PN-EN ISO 10863:2020 PN-EN 1714:2002 PN-EN ISO 22825:2017 PN-EN 12680-1:2005 PN-EN 12680-2:2005 PN-EN 10228-3:2016 PN-EN 10228-4:2016 PN-EN 10160:2001
MAGNETIC-PARTICLE TESTING (MT) Welded joints, castings, forgins, steel pipes (surface and subsurface discontinuities)	PN-EN ISO 9934-1:2017 PN-EN ISO 17638:2017 PN-EN 1290:2000 PN-EN 1369:2013 PN-EN 10228-1:2016 PN-EN 10893-5:2011 PN-EN 10246-12:2002 PN-EN 10246-18:2002	PENETRANT TESTING (PT) Welded joints, castings, forgins (surface and subsurface discontinuities)	PN-EN ISO 3452-1:2013 PN-EN 571-1:1999 PN-EN 1371-1:2012 PN-EN 10228-2:2016
VISUAL TESTING (VT) Metal materials and products, including welded joints (surface discontinuities, geometrical imperfections)	PN-EN 13018:2016 PN-EN ISO 17637:2017 PN-EN 970:1999	FLUORESCENT X-RAY XRF SPECTROMETRY WITH WAVE DISPERSION (PMI) Steels, cooper alloys, aluminium alloys (chemical composition, quantitative analysis, percentage content by weight)	PB-08, edition 2:2021 Determination of chemical composition of metals with XRF spectrometry method
LEAK TEST (LT) Vacuum box method, bubble test (testing of tightness of welded joints)	PN-EN 1593:2004	FERRIT CONTENT MEASUREMENT (FT) Austenitic welds up to 90% Fe	PB-07, edition 2:2019 Measurement of ferrite content in welded joints with electric method
ULTRASONIC THICKNESS TESTS (UTM) Steel structures from 2 mm (thickness)	PN-EN ISO 16809:2019 PN-EN 14127:2011		

RINA

Adam K. Łobodziński
Principal Marine Surveyor
Head of Poland Marine
Jurisdiction: Poland, Slovakia, Czech Republic

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000