Hellenic Accreditation System

Annex F1/B25 to the Certificate No. **47**-8

SCOPE of ACCREDITATION

of the

Testing Laboratories

of the

General Applications of Technology and Science Ltd., GATS LTD. (Laboratory in Thessaloniki)

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
	Non-destructive material tests	
Weldings of metal structures	1. Radiography testing	ASME V-art2: 2025 ASME IX QW-191/192: 2025 ASME VIII-art5/7-app.4/6/7: 2025 API 1104 §11.1: 2021 EN ISO 5817: 2023 EN ISO 17636-1: 2022 EN ISO 10893-6: 2019
	2. Ultrasonics testing - Welding test (conventional method) - Phased Array Method - Thickness measurements	 ASME V-art4/5: 2025 ASME IX QW-191.2: 2025 ASME VIII-app.6/12: 2025 API 1104 §11.4: 2021 EN ISO 5817: 2023 EN ISO 17640: 2023 BS EN ISO 23279: 2017 EN ISO 13588: 2019 ASME V-art23/Appx IV,V: 2025 EN 10160: 1999 EN ISO 16809: 2019
	3. Magnetic particles testing using portable electromagnet (YOKE)	ASME V-art7: 2025 ASME VIII-art7-app.6/7: 2025 API 1104 §11.2: 2021 EN ISO 5817: 2023 EN ISO 17638: 2016

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Weldings of metal structures (cont.)	4. Liquid penetrants testing and fluorescent portable equipment	ASME V-art6: 2025 ASME IX QW-195: 2025 ASME VIII-art6-app.7/8: 2025 API 1104 §11.3: 2021 EN ISO 5817: 2023 EN ISO 3452-1: 2021 EN ISO 10893-4: 2011
	5. Visual testing	ASME V-art 9: 2025 ASME IX QW-194: 2025 API 1104 §6.4/9.7: 2021 EN ISO 5817: 2023 EN ISO 17637: 2016
	6. Macroscopic Examination	ASME IX: 2025 – QW 183, QW 184 EN ISO 17639: 2022 PD CEN ISO/TR 16060:2014 ASTM E340-23
Mechanical tests		
Metallic materials and products	1. Tensile Test (Proof Strength not included) (0 - 1000) kN	ASME IX QW-150 /QW-194: 2025 API 1104 §5.6.2-5.6.3/6.5/12.6.2: 2021 ASTM A 370-24a EN ISO 4136: 2022 EN ISO 6892-1: 2016
	2. Bend Test (0 - 1000) kN	ASME IX QW-160/QW-163: 2025 API 1104 §5.6.4-5.6.5/6.5: 2021 ASTM A 370-24a EN ISO 5173: 2023
	3. Impact Test	ASME IX QW-171: 2025 API 650 §9.2.2: 2020 ASTM A 370-24a EN ISO 9016: 2022 EN ISO 148-1: 2016
	4. Visual examination of defects following destructive testing	ASME IX QW-183/184: 2025
	5. Vickers Hardness / Hardness (HV10)	EN ISO 6507-1: 2023 EN ISO 9015-1: 2011

Site of assessment : **Agrotemachio 613, Ionia, Thessaloniki, Greece.**
Approved signatories : **G. Fyrigos, C. Molfesis, E. Savopoulos, Th. Karaiskos, P.Vanias** (Non-destructive tests). **G. Fyrigos, E. Pouleas, A. Strantzas** (Mechanical tests).

This Scope of Accreditation replaces the previous one November 24th, 2025.
The Accreditation Certificate No. **47**-8, to ELOT EN ISO/IEC 17025: **2017**, is valid until 26.11.2030.

Athens, November 28th, 2025

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Konstantinou Evangelos Apostolos
CEO of ESYD