

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. L064-3

The Board of Governors
of the Cyprus Organization for the Promotion of Quality
acting as the authorized Cyprus Accreditation Body
according to the Article 7 of the Law 156(I)/2002

grants accreditation to the

*Testing Laboratories
of the Engineering - Testing & Petrochemical Departments
of Nortest Cyprus Ltd*

in Kalavassos

which have been assessed according to the Accreditation Criteria for
Testing Laboratories as defined in the standard


CYS EN ISO/IEC 17025:2017

as **competent to perform the Methods** defined in the Scope of Accreditation referred to in the **two Annexes** of this certificate; the said Annexes represent inextricable part of the certificate. The **Accreditation Scope** can only be modified after a decision of the Cyprus Accreditation Body.

The current Accreditation Certificate, no. **L064-3**, is valid from **7th of November 2022 till the 6th of November 2026**.

Cyprus Accreditation Body is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) in the above-mentioned field

Accreditation was granted for the first time on the 7th November 2014.


Antonis Ioannou
Director of CYS - CYSAB

Date: 17th January 2024

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management System (joint ISO-ILAC-IAF Communiqué, 04/2017).



Annex A
to the Accreditation Certificate number L064-3

Scope of Accreditation of the
Petrochemical Department Laboratory of Nortest Cyprus Ltd

Valid as from 7th of November 2022

***Valid as from 17th of January 2024**

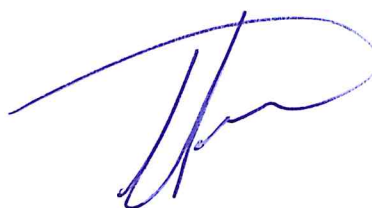
Materials / Products	Type of testing / Countable properties	Methods / Techniques
Fuels - Petroleum products	Standard Test Method for Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)	ASTM D7042 – 21a
	Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93 – 20
	Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter	ASTM D4052 – 22
	Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel and Engine Oil by Ultraviolet Fluorescence	ASTM D5453 – 19a
	Standard Test Method for Cloud Point of Petroleum Products	ASTM D2500 – 23
	Standard Test Method for Pour Point of Petroleum Products	ASTM D97 – 17b (22)
	Standard Test Method for Determination of Carbon Residue (Micro Method)	ASTM D4530 – 15 (20)
Petroleum products	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry	ASTM D4294 – 21
	Determination of flash point - Abel closed-cup method Standard Test Method for Pour Point	IP 170/2021
	Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter	ASTM D240 – 19
Diesel and Heating Fuels	Standard Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels	ASTM D6371 – 17a
*Aviation Fuel, Jet A-1	Freezing Point NEWLAB 410/2-SA S/N: N-0314-410-447 -100°C to +100°C	ASTM D2386 – 19

*Gasoline	Vapor Pressure, DVPE MINIVAP VPXpert GRABNER S/N: 23-211-0319 7 to 130 kPa	ASTM D5191 – 22
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Authorised person to sign test reports is Ms Kyriaki Dalmira

General Remarks

This Annex refers only for tests carried out in the premises of the Laboratory, at the following address: 4C Stavrodromiou str., Kalavalsos, 7733 Larnaca.



Antonis Ioannou
Director of CYS - CYSAB

Date: 17th January 2024



Annex B
to the Accreditation Certificate number L064-3

Scope of Accreditation of the
Engineering - Testing Department Laboratory of Nortest Cyprus Ltd

Valid as from 7th of November 2022

Materials / Products	Type of testing / Countable properties	Methods / Techniques
Non destructive tests		
Metallic materials, products and fabrications, including weldings	Radiographic inspection using Gamma-rays (IR 192 & SE 75)	EN ISO 5579:2013 Non destructive testing. Radiographic testing of metallic materials using film and X- or gamma Rays. Basic rules
		CYS EN ISO 17636-1:2022 Non-destructive testing of welds. Radiographic testing part 1: X and Gamma-rays techniques with film.
		ASME Boiler and pressure vessel code Section V:2021 Non Destructive Examination. Article 2: Radiographic Examination.
		API 1104:2021 22 nd edition Welding of pipelines and related facilities. Paragraph 9.3 Radiographic testing.
Weldments of metallic materials	Ultrasonic testing	EN ISO 16810:2014 Non destructive testing. Ultrasonic examination. General principles.
		EN ISO 16826:2014 Non destructive testing. Ultrasonic testing. Examination for discontinuities perpendicular to the surface
		CYS EN ISO 23279: 2017 Non destructive examination of welds-Ultrasonic examination-Characterization of indications in welds.
		ELOT EN 17640 E3:2019 Non-destructive testing of welds -- Ultrasonic testing -- Techniques, testing levels, and assessment
		ASME Boiler and pressure vessel code. Section V:2021 Non Destructive Examination. Article 4: Ultrasonic examination methods for welds. Article 5: Ultrasonic examination methods for Materials
		ASME Boiler and pressure vessel code. Section VIII:2021 Rules for construction of pressure vessels
		Article 12: Ultrasonic examination of welds

Metallic plates	Ultrasonic testing	DIN EN 10160: 1999 Ultrasonic testing of steel flat product (reflection method).
Ferromagnetic materials, products and fabrications, including weldments, castings and steel forgings.	Magnetic particle testing by the use of portable electromagnetic yoke in visible light.	CYS EN ISO 17638: 2016 Non destructive examination of welds-Magnetic particle testing.
	Investigation for surface discontinuities.	ASME Boiler and pressure vessel code. Section V:2021 Non Destructive Examination. Article 7: Magnetic particle examination.
Non porous materials, products and fabrications, including weldments, castings and steel forgings.	Liquid penetrant testing investigation for surface discontinuities in visible light. Investigation for surface discontinuities.	EN ISO 3452-1:2021 Non destructive testing-Penetrant testing-Part 1: General principles.
		API 1104:2021 22 nd edition. Welding of pipelines and related facilities. Paragraph 9.5: Liquid penetrant testing
		ASME Boiler and pressure vessel code. Section V:2021. Non Destructive Examination. Article 6: Liquid penetrant examination.
Slings Chains, shackles, Hooks	Load Testing	CYS EN 818-4:1996+A1: 2008 Short link chain for lifting purposes- Safety- Part 4: Chain Slings – Grade 8.
		CYS EN 818-5:1999+A1:2008 Short link chain for lifting purposes- Safety- Part 5: Chain Slings – Grade 4.
		CYS EN 1677-1:2000+ A1:2008 Components for slings- Safety- Part 1: Forged steel components. Grade 8. Par. 5.4.1.
		CYS EN 1677-4:2000+ A1:2008 Components for slings. Safety. Part 4: Links. Grade 8. Par. 5.5.2.
		CYS EN 1677-5:2001+ A1:2008 Components for slings- Safety- Part 5: Forged steel lifting hooks with latch. Grade 4. Par. 5.5.2.
		CYS EN 1677-6:2001+ A1:2008 Components for slings- Safety- Part 6: Links. Grade 4. Par. 5.5.2.
Pressure Vessels	Pressure Testing	BS EN 12819: 2019 LPG equipment and accessories. Inspection and requalification of LPG pressure vessels greater than 13m ³ .
		ASME Boiler and pressure vessel code. Section VIII: 2021 Div1 UG-99 & UG-100.

Mechanical Tests		
Metallic Materials	Tensile Testing (0-600)kN	ISO 6892-1: 2019 (proof strength, tensile strength, elongation)
	Bend Testing	EN ISO 15630-1: 2019 BS 4449:2005+A3:2016
	Impact Testing Charpy V-notch	ASTM E23-18 - (0-450)J
		ISO 148-1: 2016 - (0-450)J

Authorised person to sign test reports is Mr Harris Kallis, Mr Christos Kallis & Mr Spyros Kallis

Antonis Ioannou
Director of CYS - CYSAB

Date: 17th January 2024