Hellenic Accreditation System

Annex F1/24 to the Certificate No. **158**-8

SCOPE of ACCREDITATION

of the

Chemical Laboratories of Aspropyrgos Refinery

of the

HELLENiQ PETROLEUM S.A.

Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Chemical tests		
1. Unleaded gasoline, unleaded gasoline 98 RON, unleaded gasoline 100 RON	Determination of the benzene content by infrared spectrometry	ELOT EN 238:1996 ELOT EN 238/A1:2004
2. Unleaded gasoline, unleaded gasoline 98 RON, unleaded gasoline 100 RON, jet A-1 & JP-8, diesel fuel, heating petrol, marine distillate fuel, army diesel, navy gasoil	Determination of density of petroleum products by the digital density meter-Oscillating U-tube method	ELOT EN ISO 12185:2025 ASTM D 4052:2022
3. Fuel oil No. 1 & 3, diesel fuel, heating petrol, marine distillate fuel, army diesel, navy gasoil, marine residual fuel	Determination of flash-point by Pensky-Martens closed cup tester	ELOT EN ISO 2719:2024 ASTM D 93:2025
4. Marine residual fuel, fuel oil No. 1 & 3	Determination of carbon residue (Micro method)	ELOT EN ISO 10370:2014 ASTM D 4530:2025
5. Diesel fuel, Army diesel	Determination of polyaromatic hydrocarbons in diesel by HPLC	*IP 391:2019 ELOT EN 12916:2019/A1:2022
6. Diesel fuel, Army diesel	Assessment of lubricity in diesel fuel	ΕΛΟΤ EN ISO 12156-1:2023
7. Marine residual fuel, fuel oil No. 1 & 3, fuel oil for internal use	Determination of density by the hydrometer method	ISO 3675:1998 ASTM D 1298:2024
8. Refinery gas	Refinery gas analysis by gas chromatography	**UOP 539:2012
9. Kerosene and jet A-1	Determination of freezing point of	ASTM D 5972:2025

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Materials / Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
	aviation fuels (automatic phase transition method)	
10. Kerosene, jet A-1 and JP-8	Determination of aromatic hydrocarbon types in aviation fuels by the HPLC-RID method	ASTM D 6379:2021 e1
11. Unleaded gasolines	Determination of benzene, aromatic hydrocarbon types, olefins, MTBE, ETBE, TAEE and total oxygen by multidimensional gas chromatography method	ASTM D 6839:2021 a ELOT EN ISO 22854:2025
12. Diesel fuel, army diesel, navy gasoil	Determination of cold filter plugging point (CFPP)	EN 116:2015 ASTM D 6371:2024
13. JET A-1, JP8	Determination of Flash Point by Tag Closed Cup Tester	ASTM D56:2022
14. Unleaded Gasoline	Determination of air saturated vapour pressure (ASVP) and calculated dry vapour pressure equivalent (DVPE).	ELOT EN 13016-1:2024
15. Kerosene, JET A-1 and JP8	Determination of freezing point of aviation fuels (automatic laser method)	ASTM D 7153:2022

**IP: Energy Institute (in the past Institute of Petroleum), Standard Methods for Analysis and Testing of Petroleum and Related Products*
*** UOP: Universal Oil Products, Laboratory Test Methods for Petroleum and its Products*

Site of assessment: **Laboratory Permanent premises, Aspropyrgos Refinery, 17th km. of the Athens-Corinth National Road, Greece.**
Approved signatories: **V. Tatsis, A. Trimpalis, D. Tiganitis, M. Giannia, E.Vasileiou, V. Vousoura.**

This Scope of Accreditation replaces the previous one dated 10.04.2025.
The Accreditation Certificate No. **158**-8, to ELOT EN ISO/IEC 17025:2017, is valid until 19.04.2029.

Athens, 15.01.2026

Konstantinou Evangelos Apostolos
CEO of ESYD

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