Hellenic Accreditation System

Annex F1/12 to the Certificate No. **658**-3

SCOPE of ACCREDITATION

of the

Quality Control Laboratory of Supplies of Class III (fuels, lubricants, engine coolants)

of the

873 Fuel Depot

of the

Ministry of National Defence

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Chemical tests		
Used Lubricating oils and Hydraulic fluids	Determination of Wear Metals Al, Cr, Cu, Fe, Mg, Ni, Si, Ag, Na, Sn, Ti, Pb.	ASTM D 6595-17 Rotating Disc Electrode Atomic Emission Spectroscopy (RDE-AES).
Petroleum and products	Distillation of Petroleum Products at Atmospheric Pressure	ASTM D 86-17
	Determination of density (kg/m^3)	ISO 12185:1996/Corr.1:2001 Oscillating U-tube method
	Determination of sulfur content (mg/kg)	ISO 20846:2011 Ultraviolet fluorescence method
	Determination of flash point (^oC)	ASTM D93-16**a** Pensky-Martens closed cup method
	Determination of vapor pressure (kPa)	ASTM D5191-15
	Determination of carbon residue	ISO 10370:2014
	Determination of cloud point (^oC)	ASTM D5773-17^{e1}
	Determination of pour point(^oC)	ASTM D5949-16

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Petroleum	Determination of cold filter plugging point (°C)	EN 116:2015
Aviation fuel	Determination of freezing point (°C)	ASTM D 5972-16
Fuels - Lubricants	Determination of Dynamic Viscosity and Density of Liquids by Stabinger Viscometer (and the Calculation of Kinematic Viscosity)	ASTM D7042-16$^{\varepsilon 3}$

Site of assessment: **Laboratory permanent premises, Kakiousi Military camp, End of 26th Octovriou str 54627 Thessaloniki, Greece.**

Approved signatories: **Major Paraskevas Paschalis, Sergeant Tsiakmakis Vasileios, Sergeant Zisou Nikolaos, Sergeant Karagianni Aikaterini, Sergeant Stougianni Eirini, Sergeant Dalkitsi Zoe, Sergeant Giouleka Ioanna, Established Official Oraiopoulos Lazaros.**

This scope of Accreditation replaces the previous one dated 03.08.2022
The Accreditation Certificate No.**658**-3, to ELOT EN ISO/IEC 17025:2017, has been extended according to E.S.Y.D decision until 27.11.2022.

Athens, 15.11.2022

Christos Nestoras
CEO of E.SY.D.