Hellenic Accreditation System

Annex F1/21 to the Certificate No. **178-8**

SCOPE of ACCREDITATION

of the

Armed Forces Chemical Laboratory

of the

Supreme Military Army Support Command

of the

Hellenic Army General Staff

Materials / Products to be tested	Types of test / Properties to be measured	Applied Methods / Techniques to be used
Chemical tests		
Wheat flours, Pasta	Determination of ash percentage	ΕΛΟΤ EN ISO 2171:2023
	Determination of humidity	ΕΛΟΤ EN ISO 712:2024
Gasoline, Petroleum (diesel), Fuel JP-8	Determination of the boiling region characteristics (automated method)	ASTM D-86: ~~20b~~ 2023 ISO 3405 : 2019
Petroleum (diesel), Gasoline (unleaded)	Determination of sulfur content – Ultraviolet fluorescence method	ΕΛΟΤ EN ISO 20846:2019
Petroleum (diesel) & fuel JP-8, Gasoline (unleaded)	Determination of density- Oscillating U-tube method	ΕΛΟΤ EN ISO 12185:~~1996~~ 2024
Pigments	Determination of moisture (and other volatile matter) in red iron oxide pigment	ASTM D-280: 01 (reapproved 2023) (Μέθοδος Α) και ASTM D-50: 90 (reapproved 2019) §6
	Determination of moisture (and other volatile matter) in chrome yellow pigment	ASTM D-280:01 (reapproved 2023) (Μέθοδος Α) και ASTM D-126: 87 (reapproved 2023) §8
	Determination of moisture (and other volatile matter) in red lead pigment	ASTM D-280:01 (reapproved 2023) (Μέθοδος Α) και ASTM D-49: 83 (reapproved 2020) §5
Pigments (cont.)	Determination of loss on ignition of magnesium silicate pigment	ASTM D-1208: 96 (reapproved 2019) ASTM D-717: 86 (reapproved 2020) §18

Materials/Products to be tested	Types of test/Properties to be measured	Applied Methods / Techniques to be used
Physical tests		
Leather	Determination of water vapour permeability	ΕΛΟΤ EN ISO 14268: 2023 (IULTCS /IUP 15)
	Determination of water vapour permeability – Personal protective equipment - Test methods for footwear	ΕΛΟΤ EN ISO 20344/A1, §6.6, 2024
	Determination of volatile matter	ΕΛΟΤ EN ISO 4684: 2006 (IUC 5)
	Determination of water resistance of flexible leather	ISO 5403-1: 2011 (IUP 10-1)
	Determination of water penetration and water absorption – Personal protective equipment - Test methods for footwear	ΕΛΟΤ EN ISO 20344/A1, §6.6, 2024
Textiles: Wool, Cotton, Blends of cotton with polyester. Blends of wool with polyester.	Determination of colour fastness to water	ΕΛΟΤ EN ISO 105. E01: 2013
	Determination of colour fastness to perspiration (Alkaline solution)	ΕΛΟΤ EN ISO 105-E04: 2013
	Determination of colour fastness to perspiration (Acid solution)	ΕΛΟΤ EN ISO 105-E04: 2013
Textiles made of wool	Determination of colour fastness to washing (Test 3)	ISO 105 C10: 2006
Textiles made of cotton	Determination of colour fastness to washing (Test 4)	ISO 105 C10: 2006
Textiles made of wool or blends of wool with polyester	Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown	ΕΛΟΤ EN ISO 12947-2: 2016

Site of assessment: **Laboratory permanent premises, 1, Argyroupoleos Str., Keratsini, Attiki, Greece.**
Approved signatories**: S. Bousias, A. Kalamaras, F. Trabari, G. Kouzilos, G. Komporozos, G. Theodoropoulos, M. Boukouvala, R. Kazirelova, I. Skoufi, G. Botsivalis.**

This scope of Accreditation replaces the previous one dated 19.09.2024.
The Accreditation Certificate No. **178-**8, according to ELOT EN ISO/IEC 17025:2017, is valid until 20.09.2029.

Athens, 14.02.2025

Konstantinou Evangelos Apostolos
CEO of ESYD