HELLENIC ACCREDITATION SYSTEM

Annex F2/12 to the Certificate No. **364**-8

SCOPE of ACCREDITATION

of the

Calibration Laboratory

BUREAU VERITAS FUELS HELLAS S.M.S.A.

<table>
<tr><th>Calibration item / Parameters</th><th>Range of measurement</th><th>Expanded measurement uncertainty (k=2) *</th><th>Remarks</th></tr>
<tr><td colspan="4">Volume Measurements</td></tr>
<tr><td rowspan="2">Volume / Vertical cylindrical tanks</td><td>Up to 140000 m^3
Minimum tank diameter 8 m</td><td>
<table>
<tr><th></th><th colspan="3">Height</th></tr>
<tr><td>Diameter</td><td>8 m</td><td>8 m</td><td>> 12 m</td></tr>
<tr><td>8 m</td><td>0,17 %</td><td>0,16 %</td><td>0,15 %</td></tr>
<tr><td>20 m</td><td>0,11 %</td><td>0,09 %</td><td>0,08 %</td></tr>
<tr><td>> 50 m</td><td>0,09 %</td><td>0,07 %</td><td>0,05 %</td></tr>
</table>
on nominal tank volume</td><td>Calibration according to:
ISO 7507-3:2006
Measurement - Calculation of Radius:
ISO 7507-3:2006, or
Measurement of Reference Circumference:
ISO 7507-1: 2003
Bottom volume measurement:
ISO 4269:2001 or ISO 7507-1:2003
Volumetric table calculation and other measurements: ISO 7507-1:2003</td></tr>
<tr><td>Up to 140000 m^3
Minimum tank diameter 5 m</td><td>
<table>
<tr><th></th><th colspan="3">Height</th></tr>
<tr><td>Diameter</td><td>4 m</td><td>10 m</td><td>> 15 m</td></tr>
<tr><td>5 m</td><td>0,15 %</td><td>0,05 %</td><td>0,04 %</td></tr>
<tr><td>> 15 m</td><td>0,12 %</td><td>0,05 %</td><td>0,04 %</td></tr>
</table>
on nominal tank volume</td><td>Calibration according to:
ISO 7507-4:2010
Bottom volume measurement:
ISO 4269:2001 or ISO 7507-1:2003
Volumetric table calculation and other measurements: ISO 7507-1:2003</td></tr>
<tr><td rowspan="2">Volume / Vertical cylindrical tanks (continued)</td><td>Up to 140000 m^3
Minimum tank diameter 2 m</td><td>
<table>
<tr><th></th><th colspan="4">Height</th></tr>
<tr><td>Diameter</td><td>3 m</td><td>6 m</td><td>8 m</td><td>> 10 m</td></tr>
<tr><td>2 m</td><td>0,18 %</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>4 m</td><td>-</td><td>0,10 %</td><td>0,08 %</td><td>-</td></tr>
<tr><td>10 m</td><td>-</td><td>0,10 %</td><td>0,08 %</td><td>-</td></tr>
<tr><td>> 10 m</td><td>-</td><td>-</td><td>-</td><td>0,07 %</td></tr>
</table>
on nominal tank volume</td><td>D504-O324 in-house internal electro-optical distance ranging method using 3D laser scanner, based on ISO 7507-4
Volumetric table calculation and other measurements: ISO 7507-1:2003</td></tr>
<tr><td>Up to 140000 m^3
Minimum tank diameter 1 m</td><td>
<table>
<tr><th></th><th colspan="4">Height</th></tr>
<tr><td>Diameter</td><td>3 m</td><td>6 m</td><td>8 m</td><td>> 10 m</td></tr>
</table></td><td>D504-O324 in-house external electro-optical distance ranging method using 3D laser scanner, based on ISO 7507-1</td></tr>
</table>

<table>
<tr><th>Calibration item / Parameters</th><th>Range of measurement</th><th>Expanded measurement uncertainty (k=2) *</th><th>Remarks</th></tr>
<tr><td></td><td></td><td>
<table>
<tr><td>1 m</td><td>0,20 %</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>4 m</td><td>-</td><td>0,10 %</td><td>0,08 %</td><td>-</td></tr>
<tr><td>10 m</td><td>-</td><td>0,10 %</td><td>0,08 %</td><td>-</td></tr>
<tr><td>> 10 m</td><td>-</td><td>-</td><td>-</td><td>0,07 %</td></tr>
</table>
on nominal tank volume
</td><td>Volumetric table calculation and other measurements: ISO 7507-1:2003</td></tr>
<tr><td rowspan="2">Volume / Horizontal cylindrical tanks</td><td>Up to 20000 m^3
Minimum tank diameter 2 m</td><td>
<table>
<tr><td></td><td colspan="3">Length</td></tr>
<tr><td>Diameter</td><td>5 m</td><td>10 m</td><td>> 20 m</td></tr>
<tr><td>2 m</td><td>0,18 %</td><td>0,18 %</td><td>-</td></tr>
<tr><td>4 m</td><td>0,10 %</td><td>0,10 %</td><td>0,09 %</td></tr>
<tr><td>> 12 m</td><td>-</td><td>-</td><td>0,03 %</td></tr>
</table>
on nominal tank volume
</td><td>D504-O320 in-house internal electro-optical distance ranging method using 3D laser scanner, based on:
ISO 12917-2:2002</td></tr>
<tr><td>Up to 15000 m^3
Minimum tank diameter 1 m</td><td>
<table>
<tr><td></td><td colspan="3">Length</td></tr>
<tr><td>Diameter</td><td>2 m</td><td>4 m</td><td>≥10 m</td></tr>
<tr><td>1 m</td><td>0,44 %</td><td>0,43 %</td><td>0,42%</td></tr>
<tr><td>2 m</td><td>0,24 %</td><td>0,22 %</td><td>0,21%</td></tr>
<tr><td>> 6 m</td><td>0,13 %</td><td>0,09 %</td><td>0,07%</td></tr>
</table>
on nominal tank volume
</td><td>D504-O320 in-house external electro-optical distance ranging method using 3D laser scanner, based on:
ISO 12917-1:2017</td></tr>
<tr><td>Volume / Spherical tanks</td><td>Up to 10000 m^3
Minimum tank radius 1,5 m</td><td>0,04 %
on nominal tank volume</td><td>D504-O318 in-house internal & external electro-optical distance ranging method using 3D laser scanner, based on: API 2552:1966 (R2018)</td></tr>
</table>

* *Where the expanded uncertainty (with 95 % coverage) is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.*

The Calibration & Measurement Capability (CMC) includes the measured quantity, the measurement range and the measurement uncertainty, expressing the minimum measurement uncertainty which can be achieved in a calibration.

Permanent laboratory premises address: **12th km Athens-Lamia National Road, 14452, Metamorfosi, Attiki, Greece.**

Approved Signatories: **T. Papatheou.**

This Scope of Accreditation replaces the previous one dated 06.03.2026.
The Accreditation Certificate No. **364**-8, to ELOT EN ISO/IEC 17025:2017, is valid until 09.07.2028.

Athens, 22.09.2026

Konstantinou Evangelos Apostolos
CEO of ESYD