

This is to Certify That the General Requirements for The Competence, Impartiality and Consistent Operation of Laboratories of

Global Marine Safety Singapore Pte. Ltd.

(Company Reg. No.: 200312144H)
16, Penjuru Close, Singapore 608612

has been independently assessed and registered by B-ADVANCY
as conforming to the requirements of

ISO/IEC 17025:2017

For the following Scope:

For Scope of Work See Appendix in Next Page

Certificate No. : 2509102SG

Date of initial registration : 02nd Sep 2025

Date of this certificate : 02nd Sep 2025

Date of expiry : 01st Sep 2028

1st Surveillance audit on or before : 02nd Aug 2026

2nd Surveillance audit on or before : 02nd Aug 2027

Validity of the certificate is subject to completion of surveillance audit on or before the due date. In case the surveillance audit is not allowed to be conducted, this certificate shall be suspended/subject to withdrawal.



Director



Certificate can be verified on www.b-advancy.com website

This Certificate is the property of B-ADVANCY Certification UK Ltd. and shall be returned immediately when demanded.

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Global Marine Safety Singapore Pte. Ltd.
Scope of Certificate
(Appendix)

Measure / Equipment	Measurement Range	Expanded Uncertainty (k=2)	Method / SOP
Fixed gas / fire detection system	0–100% LEL, 0–30% O ₂ , ppm ranges for CO, H ₂ S, etc.	±0.5% FS	SOP-GAS-01
Multi gas detector	0–100% LEL, 0–30% O ₂ , ppm ranges for CO, H ₂ S, SO ₂	±0.5% FS	SOP-GAS-02
O ₂ analyzer for IG system	0–30% O ₂	±0.5% FS	SOP-GAS-03
15 ppm bilge alarm monitor	0–30 ppm	±1 ppm	SOP-OWM-01
Oil discharge monitoring equipment	0–100 ppm	±1 ppm	SOP-OWM-02
Vapour emission control system	0 to 30 VOL %	±0.5% FS	SOP-VEC-01
UTI/MMC meter	0–30 m, 0–100°C, water/oil interface detection	±2 mm, ±0.2°C	SOP-TANK-01
Tank level gauging system	0–30 m	±2 mm	SOP-TANK-02
Pressure calibrator	–0.9 bar to 2,000 bar	±0.02% FS	SOP-PRS-01
Pressure gauges	–0.9 bar to 2,000 bar	±0.05% FS	SOP-PRS-02
Temperature calibrator	–50°C to 1200°C	±0.2°C	SOP-TEMP-01
Thermometers (digital/analog)	–50°C to 650°C	±0.2°C	SOP-TEMP-02
Alcohol tester	0–2.0 mg/L BrAC	±0.02 mg/L	SOP-ALC-01
Barometer	800–1,100 hPa	±0.1 hPa	SOP-ENV-01
Torque wrench	1–1,000 Nm	±1% reading	SOP-TOR-01
Dynamometer	0–50 kN	±0.5% reading	SOP-FRC-01
Oil mist detector	0–200 mg/L	±2 mg/L	SOP-OMD-01
Contact thermometers (digital & analog)	–50°C to 650°C	±0.2°C	SOP-TEMP-03
Infrared thermometers	–50°C to 650°C	±0.5°C	SOP-TEMP-04
Temperature probes used in marine engines and HVAC	–50°C to 650°C	±0.2°C	SOP-TEMP-05
High-pressure hydraulic test gauges	0–1,000 bar	±0.05% FS	SOP-PRS-03
Low-pressure manometers	0–1 bar	±0.05% FS	SOP-PRS-04
Depth gauges and pressure transducers (marine)	0–50 bar	±0.05% FS	SOP-PRS-05
Marine fuel flow meters	0.5–2,000 L/min	±0.5% reading	SOP-FLW-01
Water flow meters for ballast and firefighting systems	0.5–2,000 L/min	±0.5% reading	SOP-FLW-02
Torque multipliers	1–5,000 Nm	±1% reading	SOP-TOR-02
Insulation resistance testers (megger)	0–10 GΩ	±2% reading	SOP-ELC-01
Earth/ground resistance testers	0–2,000 Ω	±2% reading	SOP-ELC-02
Clamp meters for high-current AC/DC	0–2,000 A	±1% reading	SOP-ELC-03
Portable gas detectors (O ₂ , CO, CO ₂ , CH ₄ , H ₂ S, etc.)	Varies per gas	±0.5% FS	SOP-GAS-04
Fixed gas monitoring systems on ships	Varies per gas	±0.5% FS	SOP-GAS-05
Vernier calipers	0–300 mm	±0.02 mm	SOP-DIM-01
Micrometers	0–300 mm	±0.002 mm	SOP-DIM-02
Depth gauges	0–300 mm	±0.02 mm	SOP-DIM-03
Feeler gauges	0.02–1.00 mm	±0.005 mm	SOP-DIM-04
Psychrometers	0–100% RH	±2% RH	SOP-HMD-01
Humidity loggers (cargo/refer containers)	0–100% RH	±2% RH	SOP-HMD-02
Sound level meters	30–130 dB	±1.0 dB	SOP-SPC-01
Vibration meters	0.5–500 mm/s	±5% reading	SOP-SPC-02
Marine compass calibration equipment	0–360°	±0.5°	SOP-SPC-03



 Director