

SERVICE LINE 05

Calibration

Gas detectors, fixed gas detection, ODME, OWS, UTI, gauges.

WHAT WE DO

Calibration with traceable reference gases and instruments, on board so nothing has to leave the vessel, with the deviation found and the result stated on the certificate.

WHY IT IS REQUIRED

SOLAS XI-1 Regulation 7 requires every ship to carry an appropriate portable atmosphere testing instrument for enclosed spaces, and SOLAS VI Regulation 3 requires instruments for the cargo atmosphere. MARPOL Annex I Regulation 31 and Resolution MEPC.108(49) govern the oil discharge monitoring equipment on tankers. None of it means anything if the instrument reads low, which is why calibration is what turns a reading into evidence.



GOVERNING REFERENCES

SOLAS XI-1/7 · SOLAS VI/3 · MARPOL Annex I/31 · Res. MEPC.108(49)

SERVICE CATALOGUE

OMS-CL	Gas detection and calibration



05 · CALIBRATION

What the attendance covers

- Portable multi-gas and single-gas detectors
- Fixed gas detection systems
- Oxygen analysers
- UTI (ullage, temperature, interface) tapes
- Oil discharge monitoring equipment (ODME) and 15 ppm bilge alarms
- Pressure gauges, pressure and temperature calibrators
- Calibration gas supply





WHAT YOU RECEIVE

- Calibration certificate per instrument, with serial number and next due date
- As-found and as-left readings
- Traceability reference for the standard used
- Fleet-wide due-date tracking in the customer portal

WHY OZ MARITIME

- Our own calibration bench, reference gases and instruments
- Attendance on board, so instruments stay with the vessel
- Certificates state the deviation before adjustment and the result after

BOOK AN ATTENDANCE

Send the vessel, port, dates and equipment list. Answered with a written quotation.

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QUESTIONS WE ARE ASKED

Is a bump test the same as a calibration?
No. A bump test confirms the sensor responds; a calibration adjusts the reading against a known reference gas and records the deviation. Port state control asks for the calibration record.

Can you calibrate on board?
Yes, for portable detectors, fixed systems, UTI tapes and pressure instruments. ODME work is done on board as well.