

SERVICE LINE 06

Analysis

Foam concentrate, PFAS content, breathing air, potable water.

WHAT WE DO

Sampling on board by our own engineers to a written procedure, analysis at accredited laboratories, and a report that states pass or fail against the governing requirement instead of leaving you to interpret raw figures.

WHY IT IS REQUIRED

Foam ages in the tank and the certificate on the bulkhead does not say how. MSC.1/Circ.1312 sets the performance and testing criteria for foam concentrates, and MSC.1/Circ.1432 requires periodic sampling and testing. Since the PFAS restrictions there is a second question on top of the old one: not only whether the foam still performs, but whether it is still permitted where the vessel trades. An EU-flagged ship and a non-EU-flagged ship calling the same EU port do not get the same answer, and we report both separately.

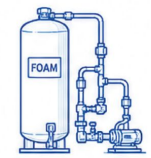


GOVERNING REFERENCES

- MSC.1/Circ.1312
- MSC/Circ.670
- MSC.1/Circ.1432
- EN 12021
- Reg. (EU) 2025/1988

SERVICE CATALOGUE

OMS-FS	Foam sampling and analysis
OMS-BA	Breathing air quality



FIXED FOAM SYSTEMS

06 · ANALYSIS

What the attendance covers

- Low-expansion foam concentrate analysis
- High-expansion foam concentrate analysis
- Breathing air quality to EN 12021
- Potable water analysis
- PFOS and PFAS content verification
- Foam changeover: removal, certified disposal, tank cleaning and refill





WHAT YOU RECEIVE

- Analysis report naming the laboratory, the method and the acceptance criteria
- Pass or fail statement against the governing circular
- Separate IMO and EU assessment of PFAS content
- Disposal certificate where old concentrate is landed

WHY OZ MARITIME

- Sampling by our engineers, not by the crew
- Accredited laboratories, named on the report
- Replacement, disposal and flushing possible in the same attendance

BOOK AN ATTENDANCE

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

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QUESTIONS WE ARE ASKED

How often does foam concentrate have to be tested?

Annually under MSC.1/Circ.1432, using the periodical control tests in MSC.1/Circ.1312 for low-expansion foam or MSC/Circ.670 for high-expansion foam. Except for non-alcohol-resistant foam, the first test need not be done until three years after supply to the ship. We confirm the date against your concentrate.

What happens if the foam fails?

We quote the changeover as one job: draining, IBC tanks, certified disposal, tank cleaning, new concentrate and the documentation pack, so there is no second attendance.