



World leaders in  
firefighting foam testing

[foamtesting.com](http://foamtesting.com)



# Who we are

Oil Technics has been recognised as a leader in firefighting foam testing for over three decades. We serve a global customer base from our specialised lab in the UK.

- ✓ ISO accredited
- ✓ Independent laboratory
- ✓ Global service
- ✓ 24 hour express service

With trusted partners in South Korea and Malaysia, our global client base spans the oil and gas, aviation, chemical and maritime sectors as well as leading public and private sector organisations.

Oil Technics has held ISO 9001 certification since 1994 for all our manufacturing and testing sites in the UK, and in 2025 our laboratory also gained ISO 17025 accreditation. We have held ISO 14001 since 2012 for our Environmental Management System and are registered with Achilles and SEQual.

Our team offers complete peace of mind, with standard 5-day or express 24-hour turnaround from the time we receive a sample for our annual foam concentrate and produced foam testing services.

Full technical support is available and our comprehensive website providing useful advice and supporting information at your fingertips.

We test all major foam types including, but not limited to:

- AFFF
- AR-AFFF
- HI-EX
- Class A
- FFF
- FP
- FFFP
- AR-FFFP

## Foam Test Kits, Equipment & Training

We offer a selection of test kits, equipment and training designed to enable fire safety professionals to carry out indicative in-house testing procedures.

- ✓ Foam Concentrate Testing Kit
- ✓ Produced Foam Testing Kit
- ✓ NFPA Collection Equipment
- ✓ Remote or in-person Test Kit Training



# What we test & why



## Foam Concentrate Testing

Evaluates whether your stored foam concentrate is in a satisfactory condition and has not been compromised by extremes of temperature or contaminated during storage.

Annual testing is essential to ensure continuing integrity and is required by international standards including NFPA 11:2021.

**“At least annually, an inspection shall be made of foam concentrates ... for evidence of excessive sludging or deterioration. Samples of concentrates shall be sent to the manufacturer or qualified laboratory for quality condition testing.”**

NFPA 11, 2021 Edition, 13.2.6.1 and 13.2.6.2



## Produced Foam Testing

Determines whether a foam system's proportioning and induction equipment is accurate and fit for purpose

While foam proportioning systems are reliable, they should be rigorously maintained and inspected. Regular produced foam testing helps ensure they remain correctly proportioned.

**“At least annually, all foam systems shall be... tested for correct operation. The foam concentrate induction rate... shall be within minus 0 percent to plus 30 percent of the manufacturer's listed concentrations, or plus 1 percentage point, whichever is less.”**

NFPA 11, 2021 Edition, 12.6.5 and 13.2.11



## IMO Foam Concentrate Testing

Evaluates whether your stored foam concentrate is in a satisfactory condition and remains within the manufacturer's performance parameters.

Many maritime administrations and classification bodies require testing to be done periodically on foam concentrates stored on board ships in international waters. Additionally, this is a requirement of international standard IMO MSC.1/Circ.1312, 2009.

**“Periodical control of foam concentrates... should be carried out at laboratories or authorized service suppliers... every year.”**

IMO MSC.1/Circ.1312, 2009 Paragraphs 4 and 5



## PFAS TOP Assay Testing

Foam concentrates and discharge water from cleaning foam systems should be tested to ensure PFAS levels comply with local POPs regulations using TOP Assay testing.

Sometimes residues of legacy C8 degradation products can be present in storage tanks and foam systems: analysis makes it clear if it has been properly cleaned and if your new foam is uncontaminated and compliant with the latest regulations.

For further information and updates on PFAS legislation and regulations, visit [firefightingfoam.com/c6](https://firefightingfoam.com/c6)



# Seven steps to get your foam tested



## Step 1: Choose your testing & service level

**Contact us to tell us what kind of testing and what level of service you require.**

For foam concentrate & produced foam testing we offer two levels of service:

**Standard Service:** 5-working days turnaround\*

**Express Service:** 24-hour turnaround\*



## Step 2: Collect your sample(s)

**We require the following sample sizes:**

**Foam Concentrate Test:** 1 litre of concentrate

**Produced Foam Test :** 1 litre of concentrate, 1 litre of produced foam and 1 litre of induction water

**IMO Foam Test :** 2 litres of concentrate

**PFAS TOP Assay Test :** 250ml of liquid to be tested

Samples should be sent in clean, sealed plastic bottles.



## Step 3: Label your sample

**To make sure we are testing the correct foam against the relevant parameters, we need certain information included on your sample.**

These include foam type, sample location and foam concentration (%).

A template can be downloaded from our website.



## Step 4: Complete a Foam Testing Request Form

**To further ensure we are carrying out the testing you need, a completed Foam Testing Request Form is also required.**

A template can be downloaded from our website.



## Step 5: Print a Safety Data Sheet

**Include a copy of the manufacturer's safety data sheet along with your sample, if you have one.**

If you don't have an SDS, make sure you include the foam manufacturer's name on your sample. Please note inclusion of an SDS is usually a shipping requirement.



## Step 6: Package & Send

**Package your labelled sample, Foam Testing Request Form and Safety Data Sheet, if available, in a suitable box or container and send it to us.**

An address label can be downloaded from our website.

Need help with shipping? Contact us for help.



## Step 7: Testing & Report

**On receipt of your sample, we'll get to work.**

We operate a standard 5-working day turnaround or offer an express 24-hour service.\*

Your report will be emailed to you.



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