



PRODUCED FOAM LIVE TEST

**Our unique service innovation for
tankers, offshore vessels and helidecks**

The Regulatory Requirements

If a fire breaks out on your vessel or installation, you depend on an extinguishing system that deploys quickly, effectively and safely. Most ships and rigs have a fixed system that uses foam to extinguish a fire, but the ratio of foam concentrate and seawater has to be correct for the produced foam to work properly.

Since 2012, following a series of incidents whereby the foam proportioner did not perform as intended, the IMO has mandated that foam proportioners or other mixing devices must be tested every five years - or annually in the case of helidecks - to check the mixing ratio is within the range defined by the manufacturer and ensure the effectiveness of the foam.

How we can help

Traditional testing methods are often time-consuming and costly. We have developed a new, game-changing test method using ultrasound technology. This new, DNV-verified method allows testing to take place in port using only water, and without having to send samples to a lab, saving you both time and money.

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Challenges with the traditional method

- ✓ It's time-consuming. The test is performed at sea and the collected samples are then sent to the lab for analysis, so you may have to wait days - or even weeks - before receiving the result.
- ✓ It's harmful to the environment. The foam discharged during testing is released directly into the sea which impacts the sea flora and fauna.
- ✓ It's costly. The system has to run for at least two minutes which consumes costly foam concentrate that then has to be replaced.
- ✓ It's inefficient. If the sample fails then the foam proportioner has to be adjusted and the whole process repeated.

Benefits of the Survitec Solution

- ✓ It saves you time. The test can be performed and completed in port in one visit using only water. There is no need to use foam concentrate or wait for samples to come back from the lab.
- ✓ It's kind to the environment. No foam is released into the sea during testing, only water, so it is more environmentally friendly than alternative traditional methods.
- ✓ It saves you money. Our new method reduces waste and saves you the expense of refilling or topping up the tank with costly foam concentrate.
- ✓ It's more efficient. The foam proportioner can be adjusted if necessary during the testing process, avoiding any need for retesting, which minimises disruption to your operations and leaves you with complete peace of mind.



Our service network for the produced foam live test

