

# **LALIZAS**

*Simply life saving*



## Fire Safety Rescue Service

**LALIZAS Safety** has the technical resources and specialized expertise to advise owners and management companies how best to protect their vessels. We seek to maintain the highest standards of quality in all the materials and equipment that we supply and service.

**LALIZAS Safety** offers a global network of professional contractors, and facilities provide a full spectrum of products, services, and standardized certificates. We also offer port-to-port warranty on our services and have all major classification society approvals.

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# SERVICE

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**Safety** remains the most important consideration aboard a ship, offshore vessel, or oil rig/ platform. LALIZAS Safety offers worldwide service, in which you - the customer - deal directly with our safety experts. Our expansive product line and services comply with international maritime regulations and equipment standards, related to maritime and national standards. Our partnering and proprietary software program, known industry-wide as "LMS," is exclusively offered by LALIZAS Fire Safety & Rescue, and includes the maintenance and test/inspection requirements from various Flag States, the IMO, Class Societies, OEMs, and LALIZAS Safety. This LALIZAS Monitoring Safety System (LMS) software is designed to monitor and help plan a vessel's fire fighting, rescue and lifesaving requirements, so that the vessel remains in compliance and ultimately in service



## Service and Supply at most Major Ports

### Benefits of Using LALIZAS for Fire Safety & Rescue Service

- One point of contact through LALIZAS sales department
- An Experienced Safety Management Service Team
- An excellent reputation as a high quality service provider
- Quick Response Capability
- Worldwide availability of Fire Safety & Rescue service follow-up
- Commonality of L.S.D Quality-Audited Service Stations
- Standardized L.S.D Safety Certificate from every port
- All Fire Safety & Rescue equipment on one standardized safety equipment certificate for the vessel to present to the inspection authorities
- Global Warranty on Invoiced Services and Products
- Major Classification Society Approvals
- Relationships with Classification Society and Flag Administration
- LALIZAS Monitoring System



## Inspection of All Types of Fire Extinguishing Systems

- Full function testing of all types of extinguishing systems
- Liquid level inspections
- Special surveys witnessed by class
- Hydro-testing in our workshops
- Spares for global marine extinguishing systems
- Global supply of LALIZAS Service Department range of fire-fighting systems

## Inspection of All Types of Fire Extinguishers

- Inspection onboard or in our workshops
- Repairs and refilling onboard or in our workshops
- Hydro-testing in our workshops
- Spares for global marine extinguishers
- Replacement extinguishers
- Global supply of LALIZAS Service Department extinguishers



## Inspection of All Types of Breathing Apparatus

- Full function test of all types of breathing apparatus
- Full function test of all types of emergency escape breathing devices
  - Computer testing of sets
  - Refilling of all types of breathing air cylinders
  - Hydro-testing of all types of breathing air cylinders
  - Spares for global marine breathing apparatus
- Global supply of LALIZAS Service Department selection of breathing apparatus
  - Immersion Suits

## Inspection of All Types of Portable Gas Detectors

- Full function test and calibration of all types portable gas detectors
  - Spares for global marine portable gas detectors
- Calibration according to national and international standards
  - Gas detection exchange program available on request



## Additional Fire Fighting, Safety and Rescue Inspections and Equipment

- All types of liferafts
- All types of lifeboats
- Medical oxygen resuscitators
- Air cylinders
- Breathing air compressors
- Smoke detection systems
- Fire hoses and couplings
- Foam analyses
- All FIRE & SAFETY-related equipment

## Description

The LALIZAS Fire fighting Foam Sample Kit with Analysis provides a convenient, fast and easy method of collecting fire fighting foam samples along with providing accurate testing of low and high expansion fire fighting foams. The prepaid kit provides everything needed for shipboard personnel to collect samples, convey necessary information to lab, and send samples for analysis.

## Test Kit Contents

- Two wide-mouth foam collection bottles (950 cc)
- Sampling instruction labels
- "Request For Foam Sample Analysis" triplicate form
- Pre-paid, pre-addressed shipping label
- Shipping box
- Two plastic bags

## Application

Fixed fire fighting foam concentrate, contained in bulk Storage tanks onboard ships, is affected by many factors that reduce the foam liquid's lifetime. Continuous movement, tank breathing, high temperature, accidental addition of seawater, contamination by oil and grease, topping off with an incompatible product, and age are all factors that may affect the ability of foam to perform correctly. Because of this threat, International Regulations require that foam concentrates be periodically tested and certified.

Test procedures in IMO MSC.1/Circ. 1312 recommend that a 2-liter sample be checked annually for the following parameters:

- Sedimentation
- pH value
- Expansion ratio
- Drainage time/stability
- Volumic mass
- Alcohol Resistancy



LALIZAS offers an unbiased analysis of foam samples that are in accordance with the IMO guidelines and also tests to other parameters specific to foam type, such as surface tension and spreading coefficient. Additional tests can be performed upon customer request

## Benefits of Using LALIZAS for Foam Analysis

- Kit includes pre-paid shipping of the sample to the LALIZAS lab.
- Consistent, quality analysis performed by one certified LALIZAS lab
  - Testing in accordance with IMO MSC.1/Circ 1312
  - Additional testing performed to ensure foam type
- Results sent back electronically to ship and shore side management
- History of lab results and certifications stored in web based system
  - Automatic notification prior to next periodic test