

## Alexander/Ryan Marine & Safety Services – (Services)

**Breathing Air Compressors** - We provide the routine service of your onboard/onsite-based air compressor. We offer the service of most major manufacturer's compressors and carry certain spare parts with us in our mobile workshop, filters, O-Rings and Oils. A full-service report is issued upon completion of the service of the compressor.

**Breathing Apparatus** - Alexander Ryan carries out full service and repair of various manufacturers' EEBDs. A portable test kit is carried so that a function test can be carried out of the device at the time of service. We work closely with the manufacturers and carry a vast range of spares so that we can reduce any down time of the equipment. We also carry out hydro testing of cylinders.

**CO2 Systems** - Various types of services are available and we will work with you to identify your requirements and the type of service which is required to be completed. We will then carry out the service whether it is Annual, Bi-Annual, or a 5-year Inspection. We also carry out hydro testing and refilling of cylinders.

**Fire Extinguishers** - Our technicians can carry out the service and refilling of many manufacturers' types of fire extinguishers. We have a vast range of spare parts at our base and in our mobile workshop. Refilling and hydro testing can be carried out. We also carry replacement fire extinguishers should they be required.

**Foam Systems** - We can service foam systems and associated equipment. We have a vast range of experience of many types of manufacturers from around the world. We can source spare parts if required. The service includes a full function test of all the components in the system as required. We can take a sample of the foam compound and arrange analysis of the sample.

**Gas Detecting Instruments / Calibration** - Gas detection is mainly used to monitor areas where hazardous levels of gas are NOT normally present. Detectors are designed to give an alarm BEFORE the build-up of gas starts to become hazardous. We service portable & fixed gas detectors: annual calibration & repairs.

**Halon Systems** - We carry out routine Halon system service including: annual inspection (including level or weight check), 5-year overhaul distribution valve, and 5/10/20-year hydro testing of cylinders.

**Immersion Suits** - Immersion suits should be inspected by the crew monthly onboard, according to SOLAS III/20.7 and MCS/Cric. 1047. It is also recommended that each suit be subjected to an air pressure test, at intervals not exceeding three years and more frequently for suits over ten years of age. We can carry out the routine Immersion Suit service.

**Lifeboats** - Our technical department has qualified service engineers ready to attend vessels at convenient ports worldwide in order to offer testing, maintenance and overhauling of LRRS and Launching Appliances. As per MSC.1/Circ.1206/Rev.1 and in accordance with the SOLAS regulations III/20 - operational readiness, maintenance and inspections and III/36 - instructions for onboard maintenance – Alexander Ryan provides annual and 5-year inspections on LSA equipment.

**Life Jackets** - Our service stations provide inflatable life jacket and water-sensing cartridge inspections.

**Life Rafts** - Alexander/Ryan is an approved USCG life raft inspection station to support your annual compliance certifications according to SOLAS III/20.8.1.1

**Medical Oxygen** - We service medical O<sub>2</sub> equipment including: annual inspection of cylinders and resuscitator, 5-year hydro test, and 3/5 year recharge (mostly replacement).

**Water Mist Systems** - Our technicians can carry out the inspection of your water mist (LAFF) system onboard/on site. Full function testing of the system is carried out, cylinders can be checked and refilled, and we are able to carry out hydro testing.



RELIABLE | SAFETY | PRODUCTS

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Alexander/Ryan Marine & Safety  
 2000 Wayside Drive • Houston, TX 77011 USA  
 Tel: +1 713 923 1671 • Toll Free: 1 800 923 1672  
[www.alexanderryan.com](http://www.alexanderryan.com)  
[SalesNola@alexanderryan.com](mailto:SalesNola@alexanderryan.com)