Hyperbaric Facility Maintenance Course

Module 1 (Live-streaming)

Module 2 (Conducted at the Healogics Simulation Lab in Jacksonville, Florida)

Course Description

Maintaining the hyperbaric chamber is only part of the preventive maintenance program of a hyperbaric facility. Most hyperbaric facilities include systems and components in addition to the equipment provided by the hyperbaric chamber manufacturer. This 3-day course gives participants enough information to design a comprehensive preventive maintenance program and to be an informed consumer when hiring outside maintenance services. This course is appropriate for anyone responsible for management, operation and/or maintenance of a hyperbaric facility. The course is divided into two modules. Module 1 is required in order to attend Module 2.

Objective

Upon completion of this activity, participants should be able to:

- Organize a comprehensive facility maintenance program
- Ensure maintenance work of staff or appointed contractors is done appropriately, safely & effectively
- Perform minor maintenance procedures in-between annual preventive maintenance

Faculty

Francois Burman, Pr. Eng., MSc
VP of Safety Services
Divers Alert Network

Robert Sheffield, BA, CHT-Admin
Director of Education
International ATMO

Eric Schinazi, CHT
Duke University Medical Center
Hyper/Hypobaric and Environmental Physiology Lab

MODULE 1 (Live-streaming)

Participants receive instruction about all the components of monoplace and multiplace chamber systems. Routine preventive maintenance schedules are discussed.

Tuition

$ 400 USD per person (Module 1 only)

Location

Live-streaming over the Zoom videoconference platform.

What You Will Receive

Upon completion of Module 1, participants will receive 14.0 hours of continuing education credit (Nursing contact hours and/or CHT credits). There is no certification of completion for Module 1.

Schedule

Module 1 is 8:30 am - 6:00 pm (Central Time) on the 1st day and 8:30 am - 3:00 pm (Central Time) on the 2nd day.

Topics

- Administering a maint program
- Oxygen delivery systems
- Oxygen cleaning
- Lubricants, sealants & disinfectants
- Safety valve testing & servicing
- High pressure cylinders
- Particle filters
- Paint
- Pressure regulators
- Pressure vessel testing
- Valves
- Door & window seals
- Depth gauge calibration
- Gas analyzers
- Basic electrical systems
- Fire protection equipment
- Compressors
- Environmental conditioning
- Air filtration systems
- Cleaning & checking bilges
- Preventive maintenance (monoplace)
- Preventive maintenance (multiplace)

Continuing Education Credit

Certified Hyperbaric Technologist

This program has been reviewed and is acceptable for a maximum of 23.0 Category A credit hours by the National Board of Diving and Hyperbaric Medical Technology (14.0 hours for Module 1 and 9.0 additional hours for Module 2)

Nurse

23 contact hours (14.0 hours for Module 1 and 9.0 additional hours for Module 2). Provider approved by the California Board of Registered Nursing, Provider Number CEP17094

INTERNATIONAL ATMO

For registration call: 210-614-3688
Or go online: www.hyperbaricmedicine.com

MODULE 2 (Travel Required)

Participants will perform common field service maintenance procedures that may be needed between annual preventive maintenance visits. Participants will have the opportunity to disassemble and reassemble various chamber components (e.g., filters, valves, and regulators).

Tuition

$ 600 USD per person (Module 1+2 combined)

Location

Jacksonville, Florida at the Healogics Simulation Lab
6500 Bowden Road, Suite 303
Jacksonville, FL 32216

What You Will Receive

Upon completion of Module 2, participants will receive a total of 23.0 hours of continuing education credit (Module 1 + Module 2). Participants will also receive a certificate of completion for the course.

Schedule

The course is 8:30 am to approximately 6:30 pm (Eastern Time).

Monoplace Chamber Activities:

- Door seal replacement
- Adjust/replace activation switch
- Check/adjust door locking pin
- Ground testing
- Rate verification
- Patient tray inspection
- Safety valve activation

Multiplace Chamber Activities:

- Gage calibration
- Air quality testing
- Leak testing
- Compressor inspection
- Air receiver inspection
- Fire suppression system testing
- Safety valve activation

And more …

Accommodations

Participants are responsible for their own travel, food, and lodging. There are no hotels within walking distance of the Simulation Lab, but there are many hotel options within 5 miles, including:

- Red Roof+ 6969 Lenoir Ave E
- Wynham Garden Jacksonville 4660 Salisbury Rd
- Baymont by Wyndham 7030 Bonneval Rd
- Fairfield Inn & Suites 4888 Lenoir Ave
- Courtyard by Marriott 4670 S Lenoir Ave
- LaQuinta Inn & Suites 4686 S Lenoir Ave
- Four Points by Sheraton 8520 Baymeadows Rd
- Holiday Inn Express & Suites 4675 Salisbury Rd
- Embassy Suites by Hilton 9300 Baymeadows Rd
- Hampton Inn Jacksonville 4681 Lenoir Ave