



Hyperbaric Facility Maintenance Course

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 2½ day course gives participants enough information to design a comprehensive preventive maintenance program and to be an informed consumer when hiring outside maintenance services.

The course is divided into two modules. Module 1 is core information relevant to all hyperbaric facilities; and includes a practical session in a monoplace chamber facility. Module 2 is advanced information, primarily focused on multiplace facility issues. 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

Who Should Attend

This course is appropriate for anyone responsible for management, operation and/or maintenance of a hyperbaric facility.

Tuition

Module 1 \$375
 Module 1 & 2 \$525

Location

Until further notice, this course is conducted over the Zoom meeting platform. When conducted in person, the course is conducted at the Drury Plaza Riverwalk Hotel in downtown San Antonio.

Accommodations (when conducted in person)

Participants are responsible for their own travel, food, and lodging. A block of rooms is reserved at the Drury Plaza Hotel San Antonio Riverwalk at a special rate. Reservations received after the cut-off-date will be provided on a space-available basis at the prevailing rate.

Schedule

Module 1 begins at 1:30 p.m. Central Time on Thursday. You may check in starting at 1:00 p.m. Module 1 ends at 5:00 p.m. Central Time on Friday.

Module 2 begins at 8:00 a.m. Central Time on Saturday and adjourns at 4:00 p.m. Central Time that day.

Topics

MODULE 1 (1½ days)

- Administering a maintenance 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
- Preventive maintenance (monoplace)
- Exercise: Monoplace facility maint
 - Inlet filter removal
 - Door seal removal
 - Safety valve testing
 - Gauge verification
 - Leak testing
 - Grounding
 - Stretcher inspection

MODULE 2 (1 day)

- Basic electrical systems
- Fire protection equipment
- Compressors
- Environmental conditioning
- Air filtration systems
- Cleaning & checking bilges
- Preventive maintenance (multiplace)
- Exercise: multiplace facility maint
 - Compressor cutaway demo
 - Air filtration cutaway demo
 - Air quality testing
 - Ultrasonic thickness testing
 - Safety valve testing

Faculty



Francois Burman, Pr. Eng., MSc
 Director of Diving and Hyperbaric Safety
 Divers Alert Network



Eric Schinazi, CHT
 Duke University Medical Center
 Hyper / Hypobaric and Environmental
 Physiology Lab
 President, Hyperbaric Support Services



Robert Sheffield, BA, CHT
 Director of Education
 International ATMO



For Registration

Call 210-614-3688

or go online

www.hyperbaricmedicine.com

Continuing Education Credit

Certified Hyperbaric Technologist

This program has been reviewed and is acceptable for a maximum of 18.0 Category A credit hours by the National Board of Diving and Hyperbaric Medical Technology (12.0 hours for Module 1 and 6.0 hours for Module 2).

Nurse

18 contact hours (12.0 hours for Module 1 and 6.0 hours for Module 2). Provider approved by the California Board of Registered Nursing, Provider Number CEP17094