Hyperbaric Facility Maintenance Course

Drury Plaza Riverwalk Hotel, San Antonio, Texas

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

Accommodations

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 of $120 (plus 18.2% hotel tax) per night for a single room ($10.00 per each additional person). Reservations received after the cut-off-date will be provided on a space-available basis at the prevailing rate.

Location

Hyperbaric Facility Maintenance Course is held at the Drury Plaza Riverwalk Hotel in downtown San Antonio.

Travel Schedule

Module 1 begins at 1:30 p.m. on Thursday. You may check in starting at 1:00 p.m. Module 1 ends at 5:00 p.m. on Friday. Make your flights after 7:00.

Module 2 begins at 8:00 a.m. on Saturday and adjourns at 4:00 p.m. that same day. Make your flights after 6:00.

INTERNATIONAL ATMO

For Registration

Call 210-614-3688

or go online

www.hyperbaricmedicine.com

Topics

MODULE 1 (1½ days)

- Administering a facility 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
- Preventive maint (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 maint (multiplace)
- Exercise: multiplace facility maint
  - Compressor cutaway demo
  - Air filtration cutaway demo
  - Air quality testing
  - Ultrasonic thickness testing
  - Safety valve testing
  - Bilge inspection
  - Window removal

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

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