



AMERICAN SAFETY & HEALTH INSTITUTE

MEDIC First Aid



# EMERGENCY USE OF MEDICAL OXYGEN

The purpose of the *HSI Emergency Use of Medical Oxygen* training program is for participants to gain or improve knowledge and skill proficiency in the use of medical oxygen. It is an excellent supplement to our First Aid | CPR AED and BLS programs.

- ✓ *HSI Emergency Use of Medical Oxygen* has been approved by the HSI Medical Advisory Board and reviewed by the HSI Advisory Council.
- ✓ Reflects the latest resuscitation science and treatment recommendations published by the International Liaison Committee on Resuscitation (ILCOR).
- ✓ Conforms with the 2020 American Heart Association (AHA) Guidelines Update for CPR and ECC and the annual Guidelines Update.

## Intended audience

This course is for adult First Aid and adult and child CPR AED providers and/or Basic Life Support (BLS) trained healthcare providers, professional rescuers, or public safety providers working in a wide variety of occupational settings who desire or are required to be certified in the emergency use of medical oxygen.

## Delivery options

- Traditional Classroom Method
- Virtual Classroom Method, using blended learning with a remote, face-to-face, instructor-led skills session

## Instructional elements

- *HSI Emergency Use of Medical Oxygen* Skill Guide (one per participant)
- *HSI Emergency Use of Medical Oxygen* Instructor Guide (one per instructor, print or digital)
- *HSI Emergency Use of Medical Oxygen* media presentation (program video, or computer/online blended class)

## Online portal

- Streaming/Offline video presentation player
- Create custom playlists
- Pre-built digital Performance Evaluations
- Track past, present and future classes

## Certification period

- 2 years from month of issue

## Student certification requirements

- Performance evaluation: All students must perform required skills competently without assistance.
- Written evaluation: Required for certification only in a Challenge class format.

## Recommended time to complete

Class for First Aid | CPR AED providers: About 1 ¾ hours

Class for BLS providers: About 2 ½ hours





## Topics Covered

- How to assess for oxygen deficiency in an emergency situation
- The signs and symptoms of mild, moderate, and severe hypoxia
- Correct use of a pulse oximeter
- How to set up an emergency medical oxygen delivery system
- Appropriate oxygen saturation levels
- How to monitor SpO<sub>2</sub>
- Helping responsive and unresponsive persons
- How to give medical oxygen in an emergency to an adult/child and infant using an appropriate bag-mask device (BLS providers only)