



MET ALL CERTIFICATION CRITERIA IN ISO 29990:2010 STANDARD AND MOM TECHNICAL NOTES

Course Overview

The CAWC (Medical-Lock Attendant) is a mandatory seven day training course for individuals who are assigned as Medical-Lock Attendants at a worksite that requires personnel to work in a compressed air (CA) environment.

Learning Objectives

At the end of the course, learners will be able to:

- State the WSH Act and subsidiary legislation governing compressed air works (CAW).
- List the roles and responsibilities of a Medical-Lock Attendant.
- Explain the medical condition of compressed air illnesses (decompression illnesses (DCI) and dysbaric osteonecrosis) and barotrauma.
- Carry out hyperbaric treatment using approved tables for neurological evaluation.
- Calculate air pressure for CAW.
- Carry out compression of personnel before entering into compressed air (CA) environment.
- Identify fire hazards and use the fire extinguisher in tunneling and CAW.
- Carry out decompression of personnel who are leaving CA environment.
- Apply oxygen first aid and chamber nursing.
- Apply different forms of life support (CPR & mechanical aids).
- Analyse health declaration form for all CA learners.

Who should attend?

- A mandatory training course for individuals who are assigned as Man-Lock Attendants at construction worksites or any place that requires personnel to work in a compressed air (CA) environment.
- No person shall be employed as a man-lock attendant in a worksite where work in a compressed air environment is carried out unless he has received adequate training to familiarise him with the hazards associated with compression, decompression and compressed air illness and with the keeping of records under these regulations.

Duration 62 hours including 4 hours of assessment

Entry requirements

- Learners must be certified medically fit to enter compressed air environment by a designated factory doctor (DFD). Learners should not be physically handicapped and should have normal colour vision
- Learners must be trained in first aid
- Learners to possess knowledge of diving, compressed air work, hyperbaric environments or hyperbaric medicine and fire-fighting
- Learners need to have successfully completed
 - * Construction Safety Orientation Course (CSOC) for Learners
 - * Safety Orientation Course (Tunneling) for Learners

How is it assessed? The course is assessed by a 1 hour written test and a 3 hour practical assessment. Learners who have attended and successfully completed / passed both the practical and written assessments, will be awarded the Compressed Air Works Course (Medical-Lock Attendant) certificate issued by KBA Training Centre Pte Ltd ~ **Course accredited under ISO 29990:2010 standard.**