

THEORETHICAL SESSION - 4 Hours

The Breathing Air Distribution System (BADS) Course comprises of a Breathing Air Cart, Air-Supplied Respirators, Hoses & Fittings.

- Explain the theory of operation of a breathing air cart
- Identify the main components of a breathing air cart
- Identify the sub-assemblies of a breathing air cart
- Explain cleaning and inspection/function checks
- Perform functional seal checks of the regulators
- Monthly and yearly service requirements
- Connecting to the air supply cylinders
- How to perform Leak checks
- Correct method to connecting airline hoses and fittings
- Explain inlet and outlet gauges
- Setting regulator for users outlet pressure
- Frequency of calibrating gauges
- Explain shutting down after use
- Explanation of the emergency escape air-line respirator
- How to don and doff the respirator
- How to switch over to the escape cylinder during a loss of air

PRATICAL SESSION - 4 Hours

Participants will learn to use the air-line carts, connecting the respirators and enter an area that simulates a confined space. A scenario which involves working whilst using the respirator and what to do when there is a loss of air supply will also be included.

TARGET AUDIENCE

Employees who are to use the BADS equipment during a work activity and members of the **Emergency Response Team** whose activity is to mitigate a risk or to rescue a person.

- Minimum amount of persons - 4
- Maximum amount of persons - 15



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