



# Management Training

## For PSA Medical Oxygen Plants

*This document was developed by Build Health International for the Global Fund's Project BOXER.*

**Purpose:** This two-day course aims to equip high-level stakeholders, policymakers and hospital administrators with the knowledge and skills necessary to support the safe and successful integration of pressure swing adsorption (PSA) medical oxygen plants into hospitals and health systems.

Available in  
English and  
French!

### Who is this course for?

- Senior leaders at the Ministry of Health
- Directors and Senior Managers of hospitals
- Leaders responsible for overseeing the operation and maintenance of oxygen delivery systems or supervising PSA plant maintenance teams.

### When to take this course

Training is recommended to be taken early in the PSA plant procurement process. Doing so will equip stakeholders with the information they need to make prudent procurement decisions, negotiate complex service contracts, and manage the sustainable integration of PSA plants into health systems.

### Learning outcomes

Participants in this course can expect to develop a strong understanding of:

- Safety hazards associated with PSA plants, and the techniques used to mitigate potential risks.
- Infrastructure and human resource requirements needed for sustainable PSA plant operation.
- Strategies to support and supervise the engineers, technicians and facilities management personnel who maintain PSA plants.
- Technical vocabulary about PSA plants and medical oxygen systems.
- The importance of consistent daily and preventative maintenance.
- How to develop and sustain a strong, dependable supply chain of spare parts and consumables (where required, this course can also include a module focusing on the integration of oxygen-related spare parts and consumables into digital supply chain and maintenance management systems).



For more detail on the exact topics this course covers or on the other PSA plant training BHI offers, please email [bhi-gf@buildhealthinternational.org](mailto:bhi-gf@buildhealthinternational.org) or visit <https://www.theglobalfund.org/en/covid-19/medical-oxygen-respiratory-care-and-therapeutics/>

### Training materials

All attendees receive:

- An electronic and spiral-bound copy of the training presentation
- A PSA plant daily maintenance checklist
- A PSA plant preventative maintenance log
- A PSA plant repair log