



Project BOXER Workshop Offerings For Maintenance Training

Purpose: Interactive workshops are intended to supplement classroom instruction and strengthen trainee comprehension. There are three available workshop slots in the training schedule found on the following page. BHI invites the PR to review the workshops below and select up to three workshops to integrate into the maintenance training to fill the available time slots.

Daily Checklist Workshop

This workshop will prepare trainees to recognize and identify issues with their PSA plant based on their daily maintenance checklist. Trainees will learn the expected values for all fields on the checklist and next steps after discovering a problem.

Workshop Duration

30 minutes

Timeslot Options

Day 3 & 5

Purchased vs Produced Oxygen Workshop

This workshop emphasizes the long-term financial benefits of keeping spare parts on hand and PSA plants maintained. Trainees will learn how the costs of purchasing oxygen cylinders compare to the costs of maintaining a PSA plant.

30 minutes

All

Preventative Maintenance Budgeting

This workshop will walk trainees through how to create a list of spare parts needed to maintain a plant based on a manufacturer's preventative maintenance schedule. They will practice creating a budget using the example spare parts list.

1 hour

Day 3 & 5

Preventative Maintenance Planning

This workshop will prepare trainees to take over the responsibility of service from a service provider. Trainees read sample Preventative Maintenance Schedules and Daily Checklists to determine upcoming service tasks and timing.

1 hour

Day 3 & 5

PSA Plant Electrical Costs Workshop

This workshop uses example scenarios to demonstrate the typical magnitude of annual costs for electricity to operate a PSA plant. The workshop considers utility reliability and the use of backup generators

30 minutes

Day 3 & 5



For more detail on the exact topics this course covers or on the other PSA plant training BHI offers, please email oxygen@buildhealthinternational.org or visit bhioxygen.org