

Webinar



Course Duration

The duration is TBD.

TARGET AUDIENCE:

This training is targeted to Electricians, Technicians and Engineers who will service and maintain P&H Mining shovels.

Description

The student is introduced to the operation and maintenance of the P&H Electrical mining shovel. Furthermore the course focuses on critical knowledge and skills required in supporting present day P&H Electrical mining shovels. The topics include, Shovel System Power Electronics, The Electrotorque Plus B Digital Drive System, and the Centurion Shovel Control System.

Prerequisites:

Students should have a basic knowledge of power electronics and computers.

Course Location

Internet

Course Objectives

Upon completion of this course the student will be able to:

- Identify and explain the purpose of all the major components utilized.
- Explain the relationship to the rest of the shovel systems.
- Analyze schematics and control diagrams utilized for troubleshooting and repair.

Main Concepts

- Shovel & Power Systems Overview
- Electro-Torque Plus B Hardware Overview
- Drive fault analysis
- AC800M (Advant Controller 800) Hardware Overview
- Remote I/O devices
- System Maintenance and Troubleshooting