

Training and Education Department Training Course Description



Course Name

BDS-40 User Training

Course Length

One Day

Delivery Options

Training is delivered on customer site unless otherwise noted in the formal quotation

Course Description

The BDS-40 user training course is geared to system owners and basic users of the equipment. Five primary topics are covered in this one day program designed to introduce attendees to a functional description of the equipment, how it works and the use of the Battery Monitor Data Manager software that is key to viewing and extracting information for review, trending and analysis.

The following topics are covered in detail in this training:

- Battery monitoring theory
- Monitoring system basics
- BDS-40 system description and overview
- The system computer
- Battery monitor data manager software

Each student is provided with a complete set of handout materials. Electronic certificates of completion are provided to all students that complete the course.



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Technology and Solutions for Battery Testing

Alber BDS-40 Monitoring System Customer Training Content Outline

1. Battery Monitoring Theory
 - a. Value of monitoring
 - b. Capacity vs. resistance tests
 - c. Ohmic measurements and how they are made
2. Alber Monitor System Basics
 - a. General monitor functions
 - b. Monitored parameters
 - c. Monitor modes of operation
 - d. Communication, Alarm and I/O functions
3. BDS-40 System Description and Overview
 - a. Product application
 - b. Base unit
 - c. Plus unit
 - d. Cables and wiring
 - e. System options
4. System Computers
 - a. Central computer
 - b. Local computer
 - c. Service computer
5. Battery Monitor Data Manager Software
 - a. Introduction
 - b. String status screen
 - c. String view screen
 - d. Alarms
 - e. Report generation
 - f. Setting alarm operation
 - g. Setting alarm thresholds
 - h. Enabling remote reporting
 - i. Fax, paging and email notification of alarms
 - j. Setting up resistance tests
6. Technical Assistance
 - a. Hours of operation
 - b. Phone assistance
 - c. Email assistance
 - d. Web resources



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