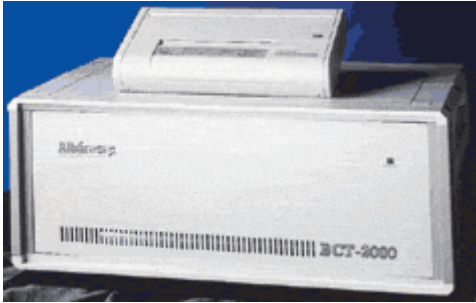


Training and Education Department Training Course Description



Course Name

BCT-2000 Battery Capacity Tester User Training

Course Length

One Day

Delivery Options

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

Course Description

The course starts with a lesson in battery capacity testing processes with reference to IEEE 450-2002 and IEEE 1188-2005 industry standards. This lesson forms the cornerstone of required learning so the student can successfully complete the course.

Once the fundamentals of testing have been identified and covered, the course focuses the remainder of the time on the BCT-2000 and the companion continuous load units.

The class will connect, operate and perform a capacity test on a battery in the training center. Hands-on lab exercises are performed in a team environment by the students that reinforce knowledge the student acquired in the classroom environment. Upon completion of all lab exercises, students return to the classroom, where they will learn the process and procedures required to generate a test report from the data collected by the BCT-2000.

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

**Training and Education Department
Training Course Description**

**Alber BCT-2000
Battery Capacity Tester Course Outline
Course Time – 1 day**

Fundamentals of Battery Capacity Testing

- What Is Battery Capacity Testing?
- Defining Battery Capacity
- Expressing Battery Capacity
- Why It Is Necessary
- Capacity Vs Life
- Recommendations On Testing Frequency
- How Testing Is Performed
- Determining Voltage And Test Parameters

BCT-2000 System Hardware

- Personal Computer Interface
- Data Logger
- Continuous Load Units
- Sense Lead Sets
- System Overview
- Personal Computer Interface
- Data Logger
- Load Bank

BCT-2000 System Software

- Overview
- Selecting the Com Port
- Types of tests to perform
- Setting Up a Test
- Performing a Test
- Generating a Report
- Analyzing Test Results
- Saving a Report
- Overview



Trust Your Batteries™

Technology and Solutions for Battery Testing

**Training and Education Department
Training Course Description**

Hands-On

- Hardware Review
- Interconnection and Test Preparation
- Connecting the BCT to the Battery
- Load Bank Connection
- Running a Test
- Data Review and Analysis