



# USING THE BCT-2000

Developed by  
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## TERMINAL OBJECTIVE

Upon completion of this training, the participant will understand:

The safety equipment required for testing stationary batteries; the safety procedures to be followed during testing; the components that make-up the BCT-2000; the procedure for test setup; the performance of a test; the criteria used to determine the end of a test; the procedure followed to generate a test report; the evaluation of test results; and the requirements for maintaining records

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## ENABLING OBJECTIVES


The standard for each of the following objectives is the material contained in the course materials provided to the participant.

**Given the course materials the participant shall be able to:**

- **B01** State the safety equipment that is required when testing stationary batteries.
- **B02** Recall the safety procedures that are followed during stationary battery testing.
- **B03** Recall the definitions of a capacity test, acceptance test, performance test, service test and modified performance test.
- **B04** Recall the inspections and measurements that can be made on a battery before and after a capacity test
- **B05** Recall the components that make up the BCT-2000 test set.
- **B06** Recall the procedure that is followed to build a library of tests for installed batteries and to set up the test parameters.




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## ENABLING OBJECTIVES *(con't)*

- **B07** Discuss how the voltage sense leads are connected to measure cell voltage during a test and the purpose of the overall voltage and intertier sense leads.
- **B08** Recall how a test is run and describe how the Function Keys may be used during a test.
- **B09** Recall how the BCT-2000 may be calibrated and the recommendation for calibration.
- **B10** Discuss the cell alarms that may occur during a test, how they impact the test and the possible responses to the alarms.
- **B11** Recall how reports are generated and saved.
- **B12** Recall how data from a battery capacity test may be evaluated.



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