

Load Bank Operations

This load bank training program will provide the student with the information needed to safely and properly conduct UPS and Generator load bank testing, shifting and alignment of electrical systems. The purpose of this course is to give the students the requisite understanding of the load bank and the portable controller operations, the hazards associated with working on or around electricity and to identify the most effective ways to minimize those risks. This course will utilize onsite information in the presentation to give participants a site specific perspective on the material. Anyone who works on UPS and Generator load bank testing as well as supervisors, managers and safety personnel should attend this course.

Course Duration: 8 hours

BASIC ELECTRICAL

Pertinent PPE
Electrical Safety Practices
Basic Electrical Fundamentals
Power Triangle

LOAD BANK CHARACTERISTICS

Start Sequence
Safeties
Interlocks

LOAD BANK PORTABLE CONTROLLER

Calibration Procedure
Error Messages
Panel Switches
Controller Touch Screen Operation and
Setup Procedures

OPERATIONS

Site Distribution System
Kirk Key Sequences
System Alignment and Setup Procedures
Operation and Testing Procedures
Pre-existing Procedures

PRACTICAL EXERCISES

Review of Procedures
Site Walk Down of Applicable Diagrams
Review of Onsite Controllers

CONCLUSION