



DESCRIPTION

**Class "B"
9-70110-3**

LIMITORQUE™ ACTUATOR ELECTRICAL MAINTENANCE AND REPAIR TRAINING COURSE

Maximum Class Size: 6 Students per Instructor
Course Duration: 2 Days
Prerequisite: None

Supplied Materials: Training Manual for Each Student

Training Aids: Various Limitorque™ Actuators and Assorted Parts

Suggested Attendees: Plant Electricians, Mechanics, Electrical and Mechanical Foreman, Engineering and Operations Personnel

Course Description: This two-day course will provide students with instruction in the electrical operation of Limitorque™ SMB, SB, and SBD Actuators. Through classroom instruction and hands-on lab experience, this course will provide the student with practical knowledge necessary for the electrical operation, troubleshooting, and preventative maintenance of Limitorque™ Actuators.

The student will receive theory of operation of SMB-000 through SMB-4 along with hands-on electrical component maintenance of various SMB actuators and a comprehensive written examination covering the entire course.

This course may be restructured to emphasize SM or SMA actuators to fit the client's requirements.

Terminal Course Objectives: Upon successful course completion, the student will be able to:

- Visually identify each type of Limatorque™ Actuator electrical component describing their design and application purposes.
- Perform all required preventative maintenance on a Limatorque™ Actuator
- Perform inspection, repair, and electrical adjustments of Limatorque™ Actuators.
- Describe Limatorque™ Maintenance Updates and how they effect the installation, operation and electrical maintenance of Limatorque™ Actuators.
- Perform troubleshooting of electrical problems on malfunctioning Limatorque™ Actuators.

Course Benefits:

- Increased knowledge of Limatorque™ Actuator operation and terminology which in turn will improve workmanship, efficiency, and enhance troubleshooting efforts.
- Improved Limatorque™ Actuator maintenance which results in fewer maintenance related actuator failures, improved actuator reliability, increased actuator life.
- Decrease the number of Limatorque™ Actuator disassembly / reassembly errors.