

Energy Transfer Technology Inc.

Presents

Foundation Air Brakes –Two Day Program

Maximum Class Size: 15

Class Cost \$395.00

Course Content

1. Introduction to Cam Brakes
 - Define different types of foundation brake systems; Q brakes, Q plus brakes, wedge
 - Define cam brake parts and accessories
 - Define how cam brakes operate
2. Air Compressor and Related Components
 - Sequence of Operation in an Air Brake System
 - Troubleshooting the Air System
 - PM Requirements related to the Air Supply System
3. Prepare Brake Parts for assembly
 - Inspect brake parts
 - Layout brake parts for assembly
4. Brake Assembly
 - Install all brake parts and accessories removed at disassembly
5. Cam Brake Adjustments
 - Define Department of Transportation (DOT) requirements for brakes Part 393 and Part 396 Federal Motor Carrier Safety Regulations.
 - Verify proper brake adjustment
6. Lubrication and maintenance
 - Define proper lubrication points and specifications
 - Define inspection and maintenance procedures
 - Verify periodic services
 - Define torque tips
7. Trouble-shooting tips for the brake system
8. Certification exam