

Diesel Plant Operating Engineer First Class

Qualifications

Minimum age - Adult

Education - High School Diploma / GED or Equivalent

Experience - Four years Maximum Refrigeration or Air Conditioning (Unsupervised)
unlimited

Curriculum at the Minimum

- Refrigeration Systems Operation and Maintenance
- Switchgear
- Synchronizing and Load Control
- Voltage Control and Excitation
- MW and MVARs
- Governor Characteristics
- Stopping and Starting Procedures
- Excitation Systems Cooling;
- Monitoring Engine Operation
- Operating Guidelines
- Control Systems
- Protection Devices
- Station Service A.C. Power Supply
- D.C. Power Supply
- Station Battery
- Plant Local and Remote Control Systems
- Maintenance Planning
- Electrical Generation, Distribution and Transmission safety
- General Maintenance Practices
- Environmental Regulations