

Title: Power Production Foreman
PG: 052
Status: Civil Service
Position Reports to: Designated Supervisor
Department: Lakeland Electric

Class Code: 7052
Date: 10/09

GENERAL DESCRIPTION OF CLASS:

This is highly technical work directing assigned subordinates in the operation, maintenance, or construction activities of a large, multi-fueled, high pressure steam power plant in one of the specific areas listed below.

POWER OPERATIONS - An employee in this classification directs the operation of heavy duty power generating equipment.

MECHANICAL MAINTENANCE - An employee in this classification directs the installation, modification, maintenance, and repair of power plant mechanical equipment.

ELECTRICAL/FIRE PROTECTION - An employee in this classification directs the installation, modification, maintenance, and repair of power plant electrical and fire protection equipment.

WELDING - An employee in this classification directs the installation, modification, maintenance, and repair of power plant mechanical equipment.

INSTRUMENTATION & CONTROLS - An employee in this classification directs the installation, modification, maintenance, and repair of power plant electronic and pneumatic instrumentation and control equipment.

CHEMICAL PROCESS/WATER OPERATIONS - An employee in this classification directs the operation and analysis of plant environmental systems relating to water treatment and water quality.

PLANT CONSTRUCTION - An employee in this classification directs and coordinates power plant construction activities of in-house and outside construction forces or contract labor forces.

MATERIAL HANDLING - An employee in this classification directs the operation and analysis of material handling systems such as refuse derived fuel, conversion system technologies, coal handling, stabilized sludge landfill, and large mobile equipment.

ESSENTIAL FUNCTIONS:

1. **POWER OPERATIONS** - Directs operators in the proper operation of power and auxiliary equipment. Makes immediate decisions regarding operations and safety. Inspects equipment and prepares work orders for maintenance and repair of equipment as needed. Maintains accurate logs, time sheets, and shift schedules. Responds to emergencies and operates emergency response equipment. Acts as site commander of Emergency Response Team. Provides guidance to subordinates and provides input on performance reviews.
2. **MECHANICAL MAINTENANCE** - Directs plant mechanical maintenance, trouble shoots and analyzes equipment, writes machine shop and bid specifications, and prepares maintenance project and work orders. Oversees daily work assignments to ensure equipment is maintained in safe and reliable operating condition. Assists in maintaining records and preparing reports on maintenance performance. Assists in implementing preventive maintenance program. Provides guidance to skilled and semi-skilled subordinates and provides input on performance reviews.
3. **ELECTRICAL & FIRE PROTECTION** - Directs plant electrical and/or fire protection equipment maintenance, trouble shoots and analyzes equipment, assists in switching orders, writes electrical projects and specifications, and prepares daily reports (time sheets, red tag, work orders, etc.). Ensures all electrical safety policies and procedures are followed. Lays out and checks new installations of fire detection and suppression equipment, performs tests for state

Title: Power Production Foreman
PG: 052
Status: Civil Service
Position Reports to: Designated Supervisor
Department: Lakeland Electric

Class Code: 7052
Date: 10/09

- certification requirements, and maintains and repairs fire protection equipment. Provides guidance to subordinates and input on performance reviews.
4. **WELDING** – Directs welding repair/maintenance work. Prepares performance maintenance projects and work orders. Oversees daily work assignments. Assists in maintaining records and preparing reports. Provides guidance to skilled and semi-skilled subordinates and provides input on performance reviews.
 5. **INSTRUMENTATION & CONTROLS** – Directs plant instrumentation and control functions and participates in maintaining equipment by overseeing skilled technicians and specialists involved in trouble- shooting, installing, modifying, and repairing of sensitive equipment. Utilizes programmable electronic controllers, analog electronic and pneumatic controls, personal computers, and other equipment. Develops and coordinates techniques and procedures for safe and reliable operation, prepares records and reports on maintenance performance. Integrates activities with plant-wide preventive maintenance. Provides guidance to subordinates and provides input on performance reviews.
 6. **CHEMICAL PROCESS/WATER OPERATIONS** – Directs operators and technicians in the proper operation of plant water systems including ion-exchange demineralizers, boiler water treatment, wastewater disposal, cooling tower make-up, quality assurance and environmental/regulatory programs. Troubleshoots equipment and process problems. Oversees handling of hazardous materials. Prepares work orders for maintenance and repair of equipment as needed. Maintains accurate logs, time sheets, and shift schedules. Provides guidance to subordinates and input on performance reviews.
 7. **PLANT CONSTRUCTION** – Plans, coordinates, and directs plant construction projects. Involved in project planning, acquisition of construction materials, coordination of labor and materials, monitoring progress and safety of project, project conformance, scheduling, and paperwork/reporting requirements. Provides guidance and direction as needed and input on performance reviews.
 8. **MATERIAL HANDLING** – Directs operators in the proper operation of plant systems and equipment including: coal receiving and preparation, refuse fuel preparation, stabilized sludge processing, environmentally permitted landfill, and large mobile equipment. Prepares work orders for maintenance and repair of equipment as needed. Maintains accurate logs, time sheets, and shift schedules. Provides guidance to subordinates and input on performance reviews.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Thorough knowledge of the operation and maintenance processes associated with a multi - fueled, high pressure steam plant and associated environmental systems.
2. Considerable knowledge of policies and procedures, safety regulations, chemical hazards, and other precautions in order to promote an effective and safe workplace.
3. Ability to establish and maintain effective working relationships with subordinates and supervisors. Skilled in the management of people and materials.
4. Ability to read and interpret schematics and diagrams.
5. Ability to plan, layout, schedule, assist, and direct the work of subordinates.
6. Ability to maintain accurate records and reports.
7. Ability to adequately hear, lift, step, climb, maintain balance and handle tools and instruments. Also must have adequate visual and color recognition abilities.
8. Ability to communicate effectively both verbally and in writing.
9. Ability to perform all field tasks and train subordinates.

Title: Power Production Foreman
PG: 052
Status: Civil Service
Position Reports to: Designated Supervisor
Department: Lakeland Electric

Class Code: 7052
Date: 10/09

WORKING ENVIRONMENT/CONDITIONS:

Requires sedentary work that involves walking or standing some of the time, lifting 10 pounds on a recurring basis, and routine keyboard operations.

The job risks exposure to traffic, electrical voltage, heights, pollen, dusts, noxious fumes, toxic chemicals, extreme cold/hot temperatures, adverse weather conditions, and bright/dim light, loud noise.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):

1. POWER OPERATIONS – High school diploma or its equivalent and two (2) years of experience as a Control Center Operator. Emergency Response Team training. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
2. MECHANICAL MAINTENANCE - High school diploma or its equivalent and four (4) years of experience as a Plant Mechanic II or Plant Welder II. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
3. ELECTRICAL/FIRE PROTECTION - High school diploma or its equivalent and four (4) years of experience as a Station Electrician II. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
4. WELDING - High school diploma or its equivalent and four (4) years of experience as a Plant Mechanic II or Plant Welder II. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
5. INSTRUMENTATION & CONTROLS - High school diploma or its equivalent and four (4) years of experience as an Instrument & Controls Technician II or Instrument & Controls Specialist. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
6. CHEMICAL PROCESS/WATER OPERATIONS - High school diploma or its equivalent and two (2) years of experience as a Power Plant Operator III in Water Operations. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
7. PLANT CONSTRUCTION - High school diploma or its equivalent and four (4) years of experience at the journey level in construction, with some knowledge in all construction fields, including electrical, masonry, mechanical, and instrumentation. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
8. MATERIAL HANDLING - High school diploma or its equivalent and two (2) years of experience as a Power Plant Operator III in Material Handling. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

SPECIAL REQUIREMENTS:

1. Must maintain a valid state of Florida driver's license.
2. Must maintain a valid telephone number.
3. POWER OPERATIONS (McIntosh) - Must complete the required training courses for Power Production Foreman/Operations.
4. ELECTRICAL/FIRE PROTECTION (McIntosh) - Must possess a Contractor II State Fire Protection License and County or State Fire Alarm License.

Title: Power Production Foreman
PG: 052
Status: Civil Service
Position Reports to: Designated Supervisor
Department: Lakeland Electric

Class Code: 7052
Date: 10/09

5. MATERIAL HANDLING (McIntosh) - Must possess a valid State of Florida Class "A" Commercial driver's license with appropriate endorsements as required.
6. May be required to pass and maintain qualification for:
 - a. Respiratory Protection Physical
 - b. Pulmonary Function
 - c. Qualitative and Quantitative Fit Test(s)
7. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.