



## **Assistant Operator**

### **GENERAL OVERVIEW OF POSITION:**

The Assistant Operator performs various duties assisting the Plant Operator in the proper maintenance and operation of all the power plant machinery and equipment. This position is non-exempt.

Work is performed under the supervision of the Power Plant Supervisory Staff and as directed by the Power Plant Operator and Fireman-Boiler Operator. This position assists in the operation and maintenance of all the plant equipment including turbines and their auxiliaries, transformers, air compressors, water filter, screens, and systems including steam systems. The person in the position is required to train and become qualified as a Boiler Operator as openings occur.

### **EXAMPLES OF DUTIES AND RESPONSIBILITIES (Illustrative only):**

- Checks, records and adjusts turbine condenser temperature in and out; oil cooler temperature in and out; hot well temperature, low pressure, intermediate pressure, de-aerator heater and high, intermediate and low pressure heater temperatures and pressures, vacuum pumps, air compressors, hydrogen systems and High School Steam temperature and charts. Check 4160 transformer temperature;
- Starts and stops turbine and diesels, PRV's, air compressors, pumps, and other plant systems;
- Checks circulating pumps and screens (clean if necessary);
- Assists Boiler Operator when needed (coal chute plugs, feeder jams, ash lines, unloading limestone when needed, etc.);
- Checks, maintains and operates the auxiliary equipment on CFB boilers including but not limited to the blowers, limestone system, I.D. & F.D. fans, and ash removal and reinjection system;
- Supports fuel loading and ash, and material handling as required;
- Completes visual rounds of power plant operations;
- Performs minor maintenance & tests when needed;
- Checks and resets CKT trips and record;
- Takes and records vibration readings;
- Cleans equipment and areas as directed;
- Observes plant safety rules, performs assigned tasks in a safe manner and is alert for unsafe acts and conditions;
- Changes hydrogen in turbines;
- Unloads limestone into plant as directed;
- Performs maintenance activities and operational requirements of the Preventive Maintenance Program;
- Rotates to Maintenance as needed and assists with Preventative and Corrective

Maintenance activities.

- Operate heavy equipment including end loader, skidsteer, sweeper, etc.
- Performs other duties as assigned.

*(Note: The duties listed above are intended as illustrations of the various types of work performed by persons in positions covered by this classification specification. This list is not all inclusive. The omission of a particular job duty does not mean that the duty is not one of the essential functions of the position. Management reserves the right to assign employees in this classification to duties not listed above, if the duties are fairly within the scope of responsibilities applicable to the level of work performed by employees in positions covered by this classification specification.)*

**REQUIRED EDUCATION, TRAINING AND EXPERIENCE:**

- A two-year college degree is preferred;
- Previous power plant experience;
- Prior to standing watch independently, an Assistant Plant Operator trainee must pass a verbal questioning and/or written test by the Operations Supervisor or Production Supervisor.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:**

- Knowledge of the functions and mechanics of pumps, electrical equipment, machinery and instrumentation along with the ability to inspect machinery and mechanical equipment in operation to detect operational flaws and defects is needed;
- Ability to follow oral and written instructions;
- Ability to read and operate gauge meters, computers, bailey control system and logging system accurately;
- Ability to conduct accurate analysis of readings and logs to determine machine adjustments.

**PHYSICAL REQUIREMENTS:**

- Ability to perform demanding physical tasks at times such as walking over rough or uneven surfaces, bending, stooping, working in confined spaces and lifting or carrying moderately heavy (up to 75 lb.) items;
- Ability to work in hot or cold, confined, dirty areas. Also must be able to work at heights, climb ladders, long flights of stairs, shovel, scrape.
- Ability to operate complex gasoline, electric or diesel-powered machinery or shop equipment requiring manipulation of multiple controls, fine adjustments or both.

**ENVIRONMENTAL REQUIREMENTS:**

- Exposure to adverse environmental conditions.

**SENSORY REQUIREMENTS:**

- Color, sound, odor, depth, hearing and visual perception and discrimination;
- Mental alertness;
- Good oral communication ability.

**OTHER REQUIREMENTS:**

- Possession of a valid driver's license and a good driving record;
- Must be willing to work rotating shifts for 24-hour coverage;
- May be required to use personal vehicle for use on the job.

**Revised and accepted on: September 6, 2016**