



## POWER AND SUPPORT CONTROLLER

**JC:** OB130  
**PG:** FW-III  
**FLSA:** Non-Exempt

**BU:** 212 (ATU)  
**Created:** January 2001

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

### **DEFINITION**

Monitors and controls the traction power system and the support facilities system during both revenue and non-revenue service hours; and performs related duties as assigned.

### **CLASS CHARACTERISTICS**

The responsibilities of this class include using electronic equipment to monitor and control the status of train and associated power and mechanical equipment in stations and wayside. Positions are assigned to a centralized location, from which activities throughout the entire system can be observed and controlled. This class is distinguished from the Senior Operations Foreworker in that the latter serves in the field as a primary tower foreworker or a station operations foreworker. This class is further distinguished from Operation Supervisor in that the latter is the full first line field supervisor or acts as a Train Controller in central operations.

**EXAMPLES OF DUTIES** – *Duties may include, but are not limited to, the following:*

1. Monitors the train control display board and radio operations to determine the status of revenue operations, the traction power system and the facilities support system.
2. Energizes or de-energizes the traction power system.
3. Monitors and controls the status of the 1000 VDC distribution system.
4. Redistributes traction power as required to ensure adequacy of supply; changes the status of the traction power system for planned or unscheduled maintenance.
5. Monitors and controls fans, pumps, valves, sumps, dampers, alarms and similar electrical and electro-mechanical equipment found in District facilities.
6. Monitors D.T.S., train control system and fire warning devices for the system and takes specified action in the event of possible emergencies.
7. Coordinates activities with those of other operations, police and maintenance staff to minimize service interruptions, ensures passenger and employee safety and avoids equipment damage.

8. Coordinates and controls access to all traction power, support facilities equipment, communications and train control facilities.
9. Reads, interprets and applies operating procedures in individual situations.
10. Maintains logs and records of work performed, provides training to others as required, makes station public address announcements as required.
11. Performs Operations Control Center related administrative support functions as needed.

## **QUALIFICATIONS**

### **Knowledge of:**

- Transportation operational principles, procedures, rules, regulations, and methods.
- Principles and practices of safety in transit vehicle operations and the movement of transit vehicles.
- Basic electrical and electronic terminology and concepts.
- Communications techniques for using two-way radio systems.
- Principles and practices of effective supervision.

### **Skill/Ability in:**

- Analyzing revenue vehicle operations and power support and related system problems, evaluating alternatives and taking appropriate action.
- Preparing and maintaining accurate operational logs, records and reports.
- Reading, interpreting and applying operational policies and procedures.
- Communicating clearly and effectively using two-way radio equipment.
- Computer keyboard skills sufficient to accurately type 25 words per minute.
- Exercising sound independent judgment within established guidelines, particularly in emergency or stressful situations.
- Coordinating multiple actions concurrently; operating control center apparatus.
- Establishing and maintaining effective working relationships with those contacted in the course of the work.

## **MINIMUM QUALIFICATIONS**

### **Education:**

Possession of a high school diploma, GED or recognized equivalent.

### **Experience:**

Four (4) years of (full-time equivalent) verifiable operational maintenance experience which must have included at least six (6) months of experience in a control center environment (e.g. station operations, yard, rail operations, tower, etc.).

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**Other Requirements:**

Must be willing to work off-hours shifts, weekends and holidays, and be subject to overtime.

Must be able to work in a confined situation and to maintain attention to detail for an extended period of time.

**WORKING CONDITIONS**

**Environmental Conditions:**

Office environment; exposure to electronic equipment and computers.

**Physical Conditions:**

Requires maintaining physical condition necessary for sitting for prolonged periods of time.

**BART EEO-1 Job Group:** 2000 – Foreworkers/Transportation

**Census Code:** 9420 – Misc Transportation Workers

**Safety Sensitive:** Y