



Job Title: Plant Electrician

BASIC FUNCTION:

Responsible for performing routine electrical equipment maintenance and repair at the Recycling and Energy Center.

EXAMPLES OF WORK PERFORMED:

1. Promote a diverse, culturally competent, and respectful workplace.
2. Perform maintenance work in accordance with R&E Board policies and procedures.
3. Lead the inspection of electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with MN state codes.
4. Maintain and repair plant 120v, 480v and 4160v electrical equipment including breakers, transformers, wiring, fuses, lighting, ground fault testing and phase cross checks along with documenting electrical equipment maintenance.
5. Maintain full knowledge of all applicable electrical and NFPA code requirements including electrical test equipment such as ammeters and voltmeters.
6. Perform high voltage switching up as required while complying with the Lockout/Tagout policy and procedures.
7. Perform duties within the R&E Board safety guidelines.
8. Comply with R&E Board policy and procedures.
9. Actively participate in safety, training and retraining programs.

(The work assigned to a position in this classification may not include all possible tasks in this work and does not limit the assignment of any additional tasks in this classification. Regular attendance according to the position's management approved work schedule is required.)

ESSENTIAL FUNCTIONS: 1,2,3,4,5,6,7,8,9

SUPERVISOR/MANAGERIAL RESPONSIBILITY:

None.

INTERNAL/EXTERNAL RELATIONSHIPS:

Daily contact with maintenance and operations supervisors to coordinate work efforts. Daily contact with processor helpers, journeymen processors and mechanics. Occasional contact with contractors.

IMPACT ON SERVICES/OPERATIONS:

Impacts on the R&E Center's ability to receive and process solid waste, and in the production of refuse derived fuel, recyclable metals, and the disposal of residue and bulky waste. Proper performance will contribute to the safe and efficient operation of the R&E Center and will result in quality products. Errors in performance will result in unsafe electrical systems, equipment damage, possible higher processing and maintenance costs due to damaged equipment, a decline in safety and a decline in the quality of products produced by the R&E Center.

WORK ENVIRONMENT:

The work environment is typical of a production facility with large machinery. Duties are performed inside and outside year round, in all kinds of weather. Must be able to work in a wide range of climatic conditions, including extreme heat and cold. Must be able to work overtime, weekends and holidays as the needs of the plant operations require. Employees in this position are exposed to operational hazards, such as: traffic, dust and dirt, odor and noise. During the maintenance of equipment employees are subject to potentially hazardous substances such as: diesel fuel, gasoline, lubricants, and solvents.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED:

1. Knowledge of R&E Electrical Safety Program
2. of electricity and codes.
3. Knowledge of metering equipment.
4. Knowledge of the operation, maintenance, and repair of electrical motors, pumps, and equipment.
5. Ability to work well with others and possess good interpersonal skills.
6. Ability to work independently without immediate supervision.
7. Ability to work from scaffolding and catwalks in high and confined areas.
8. Ability to perform basic tasks associated with operating, maintaining and troubleshooting program logic controllers.
9. Ability to perform applicable plant maintenance and operating procedures.
10. Ability to lift up to 40 pounds regularly
11. Ability to physically qualify for use of respirator equipment.
12. Ability to do work that is physical, requiring frequent bending, twisting, stooping, kneeling, crouching, climbing, walking, standing and reaching.

MINIMUM QUALIFICATIONS:

Education: Must possess high school diploma or equivalent. Post high school training preferred.

Experience: Must possess 5 years of electrical experience.

Licenses/Certifications: Must be a State of Minnesota Licensed Electrician with a Class "A" Master, a Class "A" Journeyman, or a Maintenance Electrician License.

Other: Must pass R&E Board physical examination and security screening. Must possess and maintain a valid driver's license. Positions in this job class are subject to drug and alcohol testing. Testing negative on required tests is a condition of employment.