City of Rapid City
Job Description

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Industrial Electronics Technician Electrician</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Code:</td>
<td>IETC</td>
</tr>
<tr>
<td>Job Family:</td>
<td></td>
</tr>
<tr>
<td>Pay Grade:</td>
<td>AU05</td>
</tr>
<tr>
<td>Date Revised:</td>
<td>12/15/2020</td>
</tr>
<tr>
<td>FLSA Status:</td>
<td>Non‐Exempt</td>
</tr>
</tbody>
</table>

**General Summary:** This Position is responsible for installing, calibrating, maintaining, revising and repairing plant and distribution electronic and electrical equipment including related SCADA (Supervisory Control and Data Acquisition) computerized process control system.

**Essential Duties and Responsibilities:**

*The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job. Incumbents may be requested to perform job-related tasks other than those specifically presented in this description.*

- Maintains, repairs, replaces, modifies, installs treatment plant / distribution system electrical and electronic equipment.
- Calibrates sensors, meters, and other electronic devices.
- Programs and trouble shoots programmable logic controllers.
- Works with plant SCADA system.
- Evaluates, purchases, installs and sets up new equipment, modifies existing equipment, and creates and updates supporting schematics, procedures and documentation.
- Inspects, cleans and repairs electrical motors, controls, and equipment.
- Oversees others in performing various tasks when necessary.

**Qualifications:**

**Education and/or Experience:**

Associate's degree or equivalent from two-year college or technical school; or two years related experience and/or training in preparing for electronics technology or electrical wiring, to include one year experience in electronic/electrical repair of a utility type facility.

**Certificates, Licenses, Registrations:**

Must possess a valid South Dakota driver’s license or ability to obtain within 30 days from date of hire. Must possess a South Dakota Electrical Contractor’s license. In addition, must possess or have the ability to obtain Rapid City Master Electrician's License and a Rapid City Electrical Contractor's License within 30 from date of hire.

**Working Conditions:**

*The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*
While performing the duties of this job, the employee is regularly exposed to risk of electrical shock. The employee is frequently exposed to wet and/or humid conditions; moving mechanical parts; fumes or airborne particles and outside weather conditions. The employee is occasionally exposed to high, precarious places; toxic or caustic chemicals; risk of radiation and vibration. The noise level in the work environment is usually moderate.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel. The employee is frequently required to stand; reach with hands and arms and talk or hear. The employee is occasionally required to walk; sit; climb or balance; stoop, kneel, crouch, or crawl and taste or smell. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception and ability to adjust focus.