City of Rapid City
Job Description

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Forensic Chemist</th>
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<tbody>
<tr>
<td>Job Code:</td>
<td>FXCH</td>
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<tr>
<td>Pay Grade:</td>
<td>NU22</td>
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<td>FLSA Status:</td>
<td>Exempt</td>
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<td>Job Family:</td>
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<td>Date Revised:</td>
<td>10/12/2020</td>
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General Summary: This position is responsible for performing a variety of highly specialized and complex laboratory analyses of physical and biological evidence for the Evidence Lab. This role interprets test results, forms appropriate opinions and/or conclusions, prepares reports, and provides expert witness testimony.

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.

- Operates microscopes, infrared spectrometer and spectrometer microscope, gas chromatograph, gas chromatograph-mass spectrometer, or other analytical equipment and instruments using various technical procedures and scientific methods for examination and/or analysis of evidence.
- Interprets test results, forms conclusions and prepares reports. Daily contact with law enforcement personnel, attorneys, and others to provide information or consultation about test results and other relative scientific topics.
- Testifies as an expert witness with respect to the qualitative and quantitative instrumental analysis of evidentiary samples including drug and/or blood alcohol samples and ethanol pharmacokinetics/extrapolations with respect to blood alcohol testing.
- Develops, implements and oversees laboratory quality control and quality assurance programs in forensic analyses to ensure accuracy of results.
- Directs or participates in the development of new laboratory methods; make changes which impact existing guidelines or laboratory policies, and may serve as a lead worker over other laboratory staff.
- Responds to crime scenes as needed, collects evidence, preserves and documents crime scene evidence.
- Provides training in evidence procedures and laboratory analyses to other personnel.
- Assists with evidence property related functions such as inventory or property disposal.
- Assists with internal and external customers and responds to their needs.
- Speaks to public organizations on evidence or forensic related topics.

Qualifications:

Education and/or Experience:

Master's degree in Chemistry, Forensic Science, or a closely related field and (4) four to (10) ten years directly related experience and/or training and/or a relevant combination of education and experience deemed acceptable by the hiring authority. Must have extensive knowledge of analytical chemistry.

Certificates, Licenses, Registrations:

Must possess a valid South Dakota driver's license or ability to obtain within 30 days 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 fumes or airborne particles. The employee is frequently exposed to toxic or caustic chemicals. The employee is occasionally exposed to moving mechanical parts; outside weather conditions; risk of electrical shock and explosives. 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 and talk or hear. The employee is frequently required to stand and walk. The employee is occasionally required to sit; reach with hands and arms and taste or smell. The employee must occasionally lift and/or move up to 50 pounds.