



Advanced Technologies and Laboratories International, Inc.

MANAGEMENT AND TECHNOLOGY SERVICES

Job Title: Chemical Technologist (Analytical Chemistry Technician)
Work Location: Hanford Site 222-S Analytical Laboratory
Company: Advanced Technologies and Laboratories International, Inc. (ATL)

Posted: 09/15/08
Closes: 09/25/08

Job Description

Advanced Technologies and Laboratories (ATL) International, Inc. is a prime contractor providing analytical and testing services to the Department of Energy and its contractors. ATL has several open Chemical Technologists positions. Chemical Technologist is a represented position under the HAMTC Union Labor Agreement. ATL offers a competitive salary and a comprehensive benefit package including pension.

The Chemical Technologist shall provide routine analytical analysis on a variety of high to mid-level radioactive samples and material by chemical, physical, instrumental and radiochemical methods, using a variety of analytical instrumentation and equipment (may include but not limited to: Alpha Energy Analysis (AEA), Gamma Energy Analysis (GEA), Non Destructive Analysis (NDA), Gas Chromatography (GC), Gas Chromatography/Mass Spectrometry (GC/MS), Ion Chromatography (IC), Inductive Coupled Plasma (ICP) plus Mass Spectrometry (ICPMS) and the reporting of generated lab data. Perform assignments of diverse, specialized and complex nature requiring the full knowledge of the analytical laboratory techniques and procedures. May direct the activities of others, and give on the job training to less experienced personnel. Support the analytical methods in accordance with the HAMTC bargaining unit contract. This group is also cross-trained to provide routine analytical and operational support to other analytical teams.

Specific examples of the chemical technologist functions include:

- a. Support the analytical or operation activities of the Chemistry group and other ATL and/or CH2M HILL areas as directed. Take direction from subject matter experts and management.
- b. Ensure applicable quality assurance requirements are incorporated in daily work activities.
- c. Utilize Integrated Safety Management (ISMS) principles in the performance of daily work activities.
- d. Participate in work planning, raising concerns and issues and work to help identify and implement solutions.
- e. Demonstrate team work ability to work with others to obtain desired results. Support and follow instructions from scientist and managers within and outside of ATL, management, and auditors.
- f. Operate under strict deadlines in the performance of assigned analytical and operation tasks to



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meet laboratory and client schedules.

- g. Perform the responsibilities of the chemical technologist, as assigned, associated with all ASPC procedures, including ATL-312 manual sections, management plans, guidance documents and management directives.

Physical Requirements

Candidate will be able to lift up to 25 pounds. Candidate will be working in a radiation area and must have or be able to obtain Radiation Worker II training. Candidate will perform repetitive motions for extended period of times with precious control each time. In addition to work in a radiation area, candidate must be able to work around various chemicals without sensitivity or allergic reactions. Excellent hand-eye coordination is required. Excellent organizational and housekeeping skills are required. Candidate must be detail oriented.

Preferred Qualifications

Experience working in an analytical chemistry laboratory including ability to work with various lab instruments and equipment is preferred. Formal education and strong chemistry skills and knowledge as well as analytical methods and procedures are preferred. An Associate degree or Bachelor of Science in Chemistry is welcome. For this position, strong industrial safety skills are desired. Preference will be given to candidates who possess experience operating GC-MS, IC, ICP, and ICP-MS. Strong computer skills are preferred.

How to Apply

To apply, please email your cover letter, resume, and salary expectations to droy@atlintl.com, or fax to HR Department at (509) 371-1260.