



Associate Chemical Technician

Position Summary

An Associate Chemical Technician is an entry level position that provides senior personnel at Virent with assistance in performing analyses in support of research and development efforts in biomass conversion into fuels and chemicals. The Associate Chemical Technician will exhibit a rudimentary understanding of chemical principles and basic laboratory skills. Using established procedures he/she will learn to independently operate instrumentation and track quality control parameters. She/he will reduce data and report results into the lab's data system. The Associate Technician will participate on analytical project teams and establish good working relationships with colleagues in the Analysis lab and in Operations.

Essential Technical Responsibilities and Duties

- Properly perform weighings, volumetric measurements and other basic laboratory procedures.
- Accurately prepare samples for analysis following written work instructions or oral instructions.
- Independently conduct multiple routine chemical analyses daily using written or oral work instructions.
- Operate analytical equipment following written work instructions or under general supervision of senior personnel.
- Accurately collect and record data/results in spreadsheets, notebooks, logbooks or elsewhere as directed by supervision.
- Utilize computer software and spreadsheets to perform basic chemical calculations.
- Assist senior personnel with basic equipment maintenance and calibration.
- Consult with senior chemists on non-complex projects to learn through experience.
- Follow through on assigned tasks to completion, within agreed upon timeframes and schedule one's own daily activities in collaboration with senior personnel.
- As assigned by supervision, contribute to work instructions, participate in protocols and other method development activities.
- Understand and work within the systems of the Analysis Lab.
- Communicate daily operational details and issues to supervision.
- Participate in Analysis Lab housekeeping activities and other daily operations.
- Complete all assigned training within the agreed upon timeline.
- Perform all work in a safe and environmental conscious manner by following all EHS policies/procedures/programs.
- Work early morning or evening shifts, weekends/holidays as scheduled.

Education and Experience Requirements

EDUCATION: Minimum: Two-year associate's degree in science and technology with minimum of 3 courses in chemistry, B.S. in Science preferred. OR

EXPERIENCE: Up to three years of work experience in a laboratory environment (may be in an academic setting).
AND

SKILLS/KNOWLEDGE: Basic knowledge of laboratory techniques, chemical principles, the workings of standard instrumentation and analyses. Experience with GC, HPLC, AA/ ICP, IR and quantitative wet chemistry useful. Capable of effective oral and written communication. Ability to learn and follow verbal instructions and written procedures with minimal oversight. Basic working knowledge of Microsoft.

APPLICATION INSTRUCTIONS
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