

Position Summary:

Safely and effectively performs laboratory tests and operates equipment for all laboratory processed performed at ACE Ethanol LLC. Leans, understands, and complies with plant safety and production rules and regulations. Monitors, documents, and trouble shoots laboratory activities according to established procedures. Keeps others informed of problems or potential problems as indicated.

Duties and Responsibilities:

- Ethanol certification testing and documentation
- Co-product and process stream quality testing and documentation
- Fermentation monitoring
- Experimentation and optimization of the fermentation process
- Laboratory equipment maintenance and troubleshooting.
- General lab housekeeping, upkeep, and organization.
 - Tasks such as:
 - Dishwashing
 - Wiping down counters
 - Dusting
 - And more
- Monitors/orders laboratory supplies and plant chemicals
- Communicates lab and process data shifts in a timely manner
- Performs special projects and other duties assigned by management

Required Skills and Abilities:

- Work performed is expected to meet or exceed guidelines for safety, quality, accuracy, timeliness, and thoroughness
- Accurately troubleshoot and resolve laboratory technical problems
- Communicate effectively and develop good working relationships with others
- Conduct self with honesty and integrity
- Take initiative to notice what needs to be done and the good judgment to act appropriately
- Must be detail oriented and have ability to follow written and verbal instructions, write legibly for logs and documentation, use computer for running/documenting test results, perform basic math operations, use measurement devices, read gauges, and distinguish color.
- Must be able to work both independently and as a team member, as well as multi-task effectively.

Education and Experience:

- Requires at least a Technical Degree in chemistry or Biology, prefer some experience with running production laboratory tests.
- Must be able to use required laboratory equipment effectively and have a good understanding of general lab practices and organization.
- Familiarity with HPLC, GC, and IC is highly desirable.
- Experience working in a process production environment with understanding of process flow is highly desirable.

Physical Requirements:

- Walking and standing on flat surfaces
- Climbing stairs
- Crouching, bending, twisting, reaching overhead
- Sitting for documentation and data entry