



Illinois River Energy, LLC

Job Description

Job Title:	Shift Laboratory Technician
Location:	Rochelle, Illinois Plant
Reports to:	Laboratory Manager

Level/Grade:	Type of Position:	Status:
To be determined	<input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input type="checkbox"/> Contractor <input type="checkbox"/> Co-op/Intern	<input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt

General Description:	The Shift Laboratory Technician is responsible for performing chemical and biological analytical testing and calibrations to support reliable, efficient, and high throughput operations and ensure strict quality control standards are met on all products. A successful candidate for this position must possess good communication skills to convey laboratory results to Operations personnel effectively.
Work Schedule:	The Shift Laboratory Technician position will be a 4-day on, 4-day off, 12-hour evening shift schedule, 7 p.m. to 7 a.m. Occasional overtime is required. Therefore, the person in this position must have flexibility in their schedule
Essential Duties:	<ul style="list-style-type: none"> • Assist Laboratory Manager in carrying out the plant quality control program for all feed stocks, intermediates, and finished products • Maintain and calibrate all laboratory equipment • Operate gas chromatograph and high pressure liquid chromatograph • Augment Operations staff in performing standard and extraordinary analytical testing in order to troubleshoot plant operations and/or facilitate process improvements • Support laboratory housekeeping program • Actively participate in safety, health, and environmental programs • Other duties may be added as necessary
Work Environment:	<ul style="list-style-type: none"> • Exposure, within OSHA limits, to laboratory and process chemicals and antibiotics such as Streptomycin and Penicillin • Work in all weather conditions: heat, cold, rain, snow • Work at ambient to elevated temperatures • Work near moving mechanical parts • Exposure, within OSHA limits, to high noise environments

Physical Requirements:	<ul style="list-style-type: none"> • Must be able to lift up to 50 lbs. • Must be able to properly utilize personal protective equipment in order to safely handle laboratory and process chemicals and antibiotics • Must be able to climb ladders and stairs
Work Experience:	<ul style="list-style-type: none"> • Minimum of one year of work experience with fermentation and/or distillation processes in industry or academia • Some experience in a dry-mill ethanol refinery laboratory preferred
Education:	<ul style="list-style-type: none"> • Associates Degree in Chemistry, Biology, or related technical field required • B.S. in Chemistry, Biology, or related technical field preferred • Some formal education in fermentation and distillation processes in a dry-mill ethanol refinery preferred
Computer Skills:	<ul style="list-style-type: none"> • Expertise with Microsoft Office products (Word, Excel, PowerPoint, Outlook) And Microsoft Access • Must have knowledge of the basic principles and have demonstrated capability to quickly gain proficiency in the usage, maintenance, and user-level programming of new computerized laboratory equipment

Prepared by:	
Reviewed by:	Lab Manager
Approved by:	Human Resources
Issue Date:	February 7, 2008
Revision Date:	December 23, 2009