



Job Description

Job Title:	Biofuels Operations Specialist
Location:	Lena, Illinois
Reports to:	Biodiesel: Biodiesel Production Supervisor Ethanol: Shift Supervisor
Hours	7 pm – 7 am (subject to change)
Posting Date	
Closing Date	

General Description:	The Biofuels Operations Specialist performs routine analysis on various process streams, raw materials and finished products in the ethanol and biodiesel plants. The Biofuels Operations Specialist will have/acquire a thorough understanding of both the biodiesel and ethanol processes, will be proficient in both the biodiesel and ethanol laboratories and will engage in all facets of biodiesel and ethanol operations.
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Essential Duties:	<ul style="list-style-type: none"> • Daily testing and certification of biodiesel and ethanol finished product • Perform critical specification testing on biodiesel per ASTM 6751 test methods, BQ9000 standards and internal work instructions • Sample analysis utilizing various lab instrumentation including but not limited to Eurofins QTA System, Karl Fischer titrator, Rancimat, Sindice sulfur analyzer and Waters HPLC • Routinely monitor/test supplementary processes, including but not limited to, bio-gas methanator, water treatment chemistries and NPDES compliance • Perform lab instrument calibration and verification per manufacturing recommendations, ASTM D6751 test methods and internal work instructions • Perform activities related to the continuous improvement of laboratory and plant operations – testing accuracy and precision improvement as well as test method improvement in compliance with BQ9000 standard • Document, report and communicate results efficiently and accurately with supervisor, operators and other involved parties on all aspects of the laboratory operation that affect their products and samples • Analyze data and analytical information and be able to communicate the results to management • Perform operational duties in including monitoring various processing parameters and physically taking readings from machinery in all parts of the ethanol and biodiesel plant
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Essential Duties Cont'd:	<ul style="list-style-type: none"> • Assess current operating conditions and make process adjustments as needed to maintain critical product specifications • Must work diligently to gain expert knowledge in operational process in order to produce a quality finished product and be able to troubleshoot potential process problems • Work with production and management personnel to reach company goals and objectives • Perform other duties and assignments as required • Ability to attain internal Biofuels Operations Specialist certification
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Requirements	<ul style="list-style-type: none"> • Good computer skills including proficiency in Microsoft Office • Basic understanding of P& IDs, PFD, and equipment nomenclature • Understand and employ safe work practices including company standards and policies • Must be able to work a 12 hour shift schedule including weekends and Holidays • Conduct themselves in a professional manner that is consistent with company standards and policies • The employee must occasionally lift and/or move 50 pounds • Ability to multi task and work in a fast pace environment • Ability to work nights and mandatory overtime as needed
Education/Work Experience:	<ul style="list-style-type: none"> • Minimum technical degree/certificate in a Science or related field or 5 years practical experience. • Prior experience in a scientific field or quality assurance laboratory operation is a plus • Experience in Food or Beverage Processing, Chemical, Bio-Tech, and Pharmaceutical laboratory/process is a plus