bluelime ENTERPRISES INC.
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Your Partner in HR

Chemical Engineer-New York
Summary:

Design and develop manufacturing processes for bio-fuel new and existing equipment. Work in collaboration with the Chief Technical Officer and Vice President Operations to develop and define equipment specifications and cost estimations to design and develop new equipment and systems and provide all required documentation for all equipment and systems.

Duties:
• Conduct research to develop new and improved chemical processes for bio fuels.

• Design and oversees workers engaged in manufacturing, controlling, and improving equipment to carry out chemical processes for bio fuel equipment.

• Analyze operating procedures and equipment and machinery functions to reduce processing time and cost.

• Design equipment to maximize output of bio fuel equipment.

• Designs and plans measurement and control systems for chemical plants based on data collected in laboratory experiments and pilot plant operations.

• Performs tests and takes measurements throughout stages of production to determine degree of control over variables such as temperature, density, specific gravity, and pressure.

• Specify new equipment /review vendor capabilities and quotes related to procurement.

• Design new equipment, redesign existing equipment, and modify process flows and conditions to improve quality or economics of production processes.

Qualifications:

Chemical Engineering degree with ten (10) years experience in the development and/or application of oleo-chemicals with enzyme and catalyst technologies. Our ideal candidate must be familiar with production process for bio-fuels and ethanol production. Completed a relevant independent chemistry research project or must have relevant research experience. Good writing skills. Independent work in laboratory with independent thought

into experimental details. Background must include experience with analytical or scientific software, chemistry computer aided design CAD software, data base user interface and query software to develop system designs that are accurate and provide for seamless system assembly.

Proficient in the use of Microsoft Office Suite (Word, Excel, Outlook,) and ability to learn new software systems adopted by the company. Must be able to communicate and collaborate effectively throughout the organization to achieve company goals and expected results.

Our ideal candidate must understand the safety requirements for carrying out various processes, read and understand the MSDS, and have the necessary skills to work with hazardous materials or air sensitive materials for example.