



**Position Announcement**  
**Industrial Microbiologist or Biochemical Engineer: Pilot Plant Operations Manager**

**Description:**

AE Biofuels, Inc. (AEB) seeks a qualified person to 1) manage operations of the company's biofuel pilot plant currently under construction, 2) be the primary resource for transfer the biofuel technology to other AE Biofuel operations, 3) interface with government officials, investors, potential licensees, and 4) prepare and submit grant proposals based on the technology. AE Biofuels is a cutting edge company in the emerging biofuels industry with headquarters in Cupertino California. The company has operations in Montana, the Midwestern US and in India

The pilot plant is designed to scale up and optimize AEB's proprietary technology for producing hydrolytic enzymes and processes for ethanol production from starch and lignocellulosic feedstocks. AEB plans to move directly from pilot scale operations to full commercial facilities. This position offers the potential opportunity to advance into design, construction and operation of commercial scale enzyme production and ethanol facilities.

The pilot plant includes enzyme production reactors and lignocellulosic pretreatment equipment designed to feed 4,000 gallon hydrolysis/fermentation vessels. Full laboratory facilities will support pilot operations. Pilot plant operations will: optimize production of starch and lignocellulose hydrolytic enzymes; optimize lignocellulose delignification pretreatment technology; and optimize hydrolysis fermentation processes for integrating starch and lignocellulose feedstocks in ethanol production. Data from pilot plant testing will provide the basis for engineering and design of AEB's commercial ethanol plants.

**Qualifications:**

Minimum qualification is a Bachelors degree and relevant cross-disciplinary experience in microbiology/mycology, biochemistry or engineering. Advanced degree with experience in fermentation scale up, fermentation plant operations or biological process design is preferred. Experience in conducting and supervising experimental programs, data collection and evaluation. Experience with fungal solid substrate culture (solid state fermentation) would be an advantage.

Good communication skills including both writing and oral presentations are essential. The position will require communications between technical people and effective communication of technical programs, results and conclusions to non-technical audiences. This position will require domestic travel

**Duties and Responsibilities:**

- Assume responsibility for design and implementation of pilot plant test programs, data collection and evaluation.
- Coordinate with AEB's partner company in learning technology.
- Supervise technician staff.
- Responsible for ensuring and implementing health, safety and environmental programs, compliance with local, state and federal regulations.
- Participate in engineering design for commercial scale facilities, coordinate with external engineering resources.
- Manage operations within time frames and budget.
- Participation in AE staff and management meetings.
- Other duties and responsibilities as required of a senior level position.

**Location:**

The pilot plant is located in Butte, Montana USA. The position will be located in Butte. Relocation to the site of a commercial ethanol facility may be required. Butte is a town of about 35,000 located in the Rocky Mountains of southwestern Montana.

**Salary/Compensation:**

Salary commensurate with qualifications and experience. AE Biofuels expects the salary to be in the range of \$75,000 to \$85,000 per year. AEB offers an attractive benefits package including contribution to health insurance, vacation, sick leave and participation in employee stock option.

**Background Check Requirements:**

All candidates for employment will be subject to pre-employment screening. All offers are contingent on successful completion of a background check.

**Applicants:**

Applicants should submit, by e-mail, a cover letter, resume and the names and addresses of three references to [tcapser@aebiofuels.com](mailto:tcapser@aebiofuels.com). Applications will be accepted until the position is filled.

For additional questions contact:

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**AE Biofuels, Inc. is an equal opportunity employer.**