



Joule is pioneering the production of *Liquid Fuel from the Sun™*, surpassing today's barriers to abundant, sustainable, cost-competitive supply. Its transformational *Helioculture™* platform converts sunlight and waste CO₂ directly into liquid fuels in a continuous process that is not limited by costly biomass intermediates, processing or use of precious natural resources. This platform can yield renewable diesel fuel in unprecedented volumes with a fraction of the land use incurred by current methods, leapfrogging biomass-dependent approaches and eliminating the economic and environmental disadvantages of fossil fuels. Founded in 2007 by Flagship VentureLabs, Joule is privately held and headquartered in Cambridge, Massachusetts. Additional information is available at www.jouleunlimited.com.

Pilot Plant Technician

The pilot plant technician will be responsible for executing pilot plant operations at Joule's facility in Leander, Texas, according to standard operating procedures and batch protocol. An area of particular focus will be maintaining site's stock cultures of production organisms, propagating cells in sufficient quantities for field inoculation, maintaining the biological and analytical laboratory and performing analytical assays as required. The pilot plant technician will be accountable for informing the Lead Operator and/or Bioprocessing engineers when production problems arise. The technician may work shift work as required by the productions schedule. **The position is based in Leander, Texas full time.**

Responsibilities

- Maintain the site's stock cultures or production organisms and propagate cells in sufficient quantities for field inoculation
- Maintain the biological and analytical laboratory and perform analytical assays as required
- Follow procedures for plant start-up, shut-down, cleaning and batching
- Collect and test samples on all product and in-process streams
- Follow all standard operating procedures and faithfully execute the batch protocol, recording data and information in the run summary sheets
- Respond to collected data and process upsets, and inform Lead Operator and/or Bioprocessing engineers for next actions
- Communicate to operators coming on-shift any and all relevant information about current plant operations
- Notify the Lead Operator of any production problems and document any deviations in operation from intended performance
- Complete any and all tasks assigned by the Lead Operator
- Adhere to safe work practices
- Keep accurate and timely logs

- Perform routine maintenance on facility equipment
- Keep plant facilities clean
- Others duties as assigned

Qualifications

The position requires a certificate or degree in Bioprocess Technology, Biotechnology, or Biology. Prior biological or biotechnological laboratory experience is desired. Applicants should be competent in various computer programs, including Microsoft Office Suite. They should also possess effective oral and written communication skills, and excellent interpersonal skills.