Biodiesel Plant Operations Engineer Interview Questions

1. Describe an experience where you provided direction to employees to ensure compliance with biofuels plant safety, environmental, or operational standards and regulations.
2. What procedures do you have in place when you shut down and restart biofuels plant or equipment in emergency situations or for equipment maintenance, repairs, or replacements?
3. Explain the process of drawing samples of biofuels products or secondary by-products for quality control testing.
4. Walk me through how you adjust temperature, pressure, vacuum, level, flow rate, or transfer of biofuels to maintain processes at required levels.
5. Provide an effective method you have used to ensure adherence to safety guidelines for transportation and storage of flammable and potentially dangerous feedstocks and/or products.
6. Provide an experience in which you conducted cost, material, and efficiency studies for biofuels production plants or operation.
7. Share an experience in which you effectively managed operations at a biofuels power generation facility.
8. Provide an experience in which you successfully provided training for subordinate or new employees. What methods made you successful?
9. Share an experience in which you conferred with technical or supervisory personnel to resolve a condition affecting safety, efficiency, or product quality.
10. Provide an experience in which you effectively supervised production employees in the manufacturing of biofuels. What methods made you successful?