Efficiency Expert Interview Questions

1. Describe methods you have found effective to integrate high-speed loops and advanced control algorithms with graphical system designs to improve the efficiency of production operations.
2. Please rate your computer skills when developing computerized diagnostic tools to integrate measurements in real time and reduce production downtime.
3. Share your approach to analyze material flows or supply chains to identify opportunities to improve efficiency and conserve energy.
4. What have you found to be the best way to supervise production workers?
5. Share an example when you interpreted engineering drawings, sketches, or diagrams.
6. What kind of experience do you have creating computer applications for manufacturing processes or operations, using computer-aided design (CAD) or computer-assisted manufacturing (CAM) tools?
7. What is the most challenging part of overseeing or inspecting production processes?
8. Describe methods you have found effective when modifying equipment or processes to improve resource or cost efficiency?
9. Share your approach to develop or conduct quality control tests to ensure consistent production quality.
10. Walk me through how you would compile operational data to develop cost or time estimates, schedules, or specifications.
11. Tell me how you analyze operational, production, economic, or other data, using statistical procedures.
12. What is the secret to prepare layouts of machinery or equipment, using drafting equipment or computer-aided design (CAD) software?
13. What factors do you consider when planning the flow of work or materials to maximize efficiency?
14. Walk me through how you would develop or implement programs to address problems related to

production, materials, safety, or quality.
15. What have you found to be the best way to conduct time and motion studies to identify opportunities to improve worker efficiency?
16. Describe methods you have found effective to analyze, estimate, or report production costs.
17. How often have you conducted statistical studies to analyze or compare production costs for sustainable and nonsustainable designs? What were your findings?