

Motor Electrician Interview Questions

1. Describe a time when you successfully serviced, repaired, or tested a machine or device that operates mainly by mechanical principles.

2. Describe an effective way to measure velocity, horsepower, revolutions per minute (rpm), amperage, circuitry, and voltage of units or parts to diagnose problems, using ammeters, voltmeters, wattmeters, and other testing devices.

3. What kind of experience do you have setting machinery for proper performance, using computers?

4. What is the most challenging part of reassembling repaired electric motors to specified requirements and ratings, using hand tools and electrical meters?

5. Share an experience you had in dealing with a difficult person and how you handled the situation.

6. Share an experience in which you've successfully learned how to handle a new piece of equipment?

7. Tell me about a recent experience you've had working with your hands.

8. How do you stay fit in order to perform physical activities that are required in the workplace?

9. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

10. Tell me about your last experience doing repair work. How did you determine what tools you needed?

11. Describe a time when you successfully serviced, repaired, calibrated, or tested a device that operates mainly by electronic principles.

12. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

13. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the candidate is dependable.)

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14. Tell me about the last time you performed routine maintenance on equipment. How did you determine when and what type of work was needed?

15. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

16. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

17. Walk me through how you repair and rebuild defective mechanical parts in electric motors, generators, and related equipment, using hand tools and power tools.

18. Describe methods you have found effective to inspect and test equipment in order to locate damage or worn parts and diagnose malfunctions, or read work orders or schematic drawings to determine required repairs.

19. What methods do you use to inspect electrical connections, wiring, relays, charging resistance boxes, and storage batteries, following wiring diagrams?

20. What kind of experience do you have assembling electrical parts such as alternators, generators, starting devices, and switches, following schematic drawings and using hand, machine, and power tools? Share an example.

21. How do you balance cooperation with others and independent thinking? Share an example. (Try to determine if the candidate has a cooperative attitude or is otherwise good-natured.)

22. Tell me how you organize, plan, and prioritize your work.

23. Provide an example of when you were persistent in the face of obstacles.

24. What is the most challenging part of lifting units or parts such as motors or generators, using cranes or chain hoists, or signal crane operators to lift heavy parts or subassemblies?

25. Share a time when you willingly took on additional responsibilities or challenges. How did you successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and

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can demonstrate some initiative.)

26. Provide an example when your ethics were tested.

27. Describe a time when you were able to select the best tool to do a job. How did you use reasoning skills to make the best choice?

28. Name a time when your patience was tested. How did you keep your emotions in check?

29. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

30. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem.