

Environmental Control System Installer Servicer Interview Questions

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

2. What kind of experience do you have repairing or servicing heating, ventilating, and air conditioning (HVAC) systems to improve efficiency, such as by changing filters, cleaning ducts, or refilling non-toxic refrigerants?

3. Describe an effective method to install and test automatic, programmable, or wireless thermostats in residential or commercial buildings to minimize energy usage for heating or cooling.

4. What have you found to be the best way to install dehumidifiers or related equipment for spaces that require cool, dry air to operate efficiently, such as computer rooms?

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

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

7. Share an experience when you applied new technology or information in your job. How did it help your company?

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

9. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

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

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

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

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13. What is the most challenging part of testing electrical circuits or components for continuity, using electrical test equipment?

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

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

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

17. Tell me how you test pipe or tubing joints or connections for leaks, using pressure gauge or soap-and-water solution.

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

19. 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.)

20. Provide an example when your ethics were tested.

21. Are you up to date on required certifications?

22. Walk me through how you would lay out and connect electrical wiring between controls and equipment, according to wiring diagrams, using electrician's hand tools.

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

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

25. How do you make sure to comply with all applicable standards, policies, and procedures, including safety procedures and the maintenance of a clean work area?

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26. 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 can demonstrate some initiative.)

27. What have you found to be the best way to inspect and test systems to verify system compliance with plans and specifications or to detect and locate malfunctions?

28. Share an experience in which you conducted a test of a product, service, or process and successfully improved the quality or performance.

29. Provide a time when you dealt calmly and effectively with a high-stress situation.

30. Describe an experience when you recommended, developed, or performed preventive or general maintenance procedures, such as cleaning, power-washing, or vacuuming equipment, oiling parts, or changing filters.