

Materials Technician Interview Questions

1. Share an experience when you applied new technology or information in your job. How did it help your company?
2. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.
3. Describe methods you have found effective to test and analyze samples to determine their content and characteristics, using laboratory apparatus or testing equipment.
4. How often do you participate in geological, geophysical, geochemical, hydrographic, or oceanographic surveys, prospecting field trips, exploratory drilling, well logging, or underground mine survey programs? Share an example.
5. Tell me how you organize, plan, and prioritize your work.
6. Give me an example of when you thought outside of the box. How did it help your employer?
7. Would you consider analyzing data or information a strength? How so?
8. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?
9. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?
10. Share an experience you had in dealing with a difficult person and how you handled the situation.
11. Share an experience in which your attention to detail and thoroughness had an impact on your last company.
12. Describe a time when you successfully serviced, repaired, calibrated, or tested a device that operates mainly by electronic principles.
13. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the

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candidate is dependable.)

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

15. What are some long-range objectives that you developed in your last job? What did you do to achieve them?

16. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was the impact?

17. Provide an example when your ethics were tested.

18. 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.)

19. Name a time when you participated in the evaluation of possible mining locations.

20. Walk me through how you would assemble, operate, and maintain field and laboratory testing, measuring, and mechanical equipment, working as part of a crew when required.

21. Tell me about a time when you developed your own way of doing things or were self-motivated to finish an important task.

22. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? (Make sure the candidate is flexible.)

23. What is the most challenging part of supervising well exploration, drilling activities, or well completions?

24. What have you found to be the best way to compile and record testing and operational data for review and further analysis? Share an example.

25. What have you found to be the best way to monitor the performance of your work and/or the work of others? Share a time when you had to take corrective action.

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26. Share an experience in which your willingness to lead or offer an opinion helped your company.

27. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

28. Describe an experience when you prepared notes, sketches, geological maps, or cross sections. Share an example.

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

30. What have you found to be the best method to plot information from aerial photographs, well logs, section descriptions, or other databases?