

Dredge Boat Engineer Interview Questions

1. What have you found to be the best way to move levers to position dredges for excavation, to engage hydraulic pumps, to raise and lower suction booms, and to control rotation of cutterheads?

2. Describe a method to start power winches that draw in or let out cables to change positions of dredges, or pull in and let out cables manually. Share an example.

3. Walk me through how you lower anchor poles to verify depths of excavations, using winches, or scan depth gauges to determine depths of excavations.

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

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

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

7. What is the most challenging part of directing or assisting workers placing shore anchors and cables, laying additional pipes from dredges to shore, and pumping water from pontoons?

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

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

10. Describe an experience in which you successfully controlled the operation of a difficult system. What made you successful?

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

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

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

15. 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.)

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

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

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

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

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

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

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. 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.)

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

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

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26. Share an experience in which you successfully coordinated with others. How about a coordination effort that was not as successful?

27. Name a time when your creativity or alternative thinking solved a problem in your workplace.

28. Provide an example when your ethics were tested.

29. Share an experience in which personal connections to coworkers or others helped you to be successful in your work. (Make sure candidate works well with others.)

30. Tell me about your qualifications for and your experience handling vehicles and/or mechanized equipment.

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

32. 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.

33. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

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

35. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, develop, and direct the worker(s)?

36. Tell me about a time when you successfully determined the cause of an operating error at your company and solved the problem.

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

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38. 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?

39. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?

40. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?