

## 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.

## Dredge Boat Engineer Interview Questions

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?