

ARAMCO INTERVIEW QUESTIONS

Source: www.hsevision.net

1. What is the definition of a Confined Space

- A. Any space with limited access/egress and is not designed for continuous human occupancy
- B. Any room smaller than 10 square meters
- C. Any space below ground level
- D. Any space that requires a hard hat

Correct Answer: A

2. Which permit color is required for entry into a Confined Space?

- A. Red
- B. Blue
- C. Yellow
- D. Green

Correct Answer: D

3. What is the first step that must be taken to safely enter a confined space?

- A. Start work immediately
- B. Isolate all energy and piping (LOTO)
- C. Test the structural integrity
- D. Call the fire department

Correct Answer: B

4. Who is explicitly required to be at the confined space entrance during entry operations?

- A. The Permit Issuer
- B. The Standby Man
- C. The Safety Officer
- D. The Project Manager

Correct Answer: B

5. What is the primary role of the Standby Man?

- A. To fetch tools for the entrants
- B. To ensure all entrants are accounted for and call for help in an emergency

- C. To perform atmospheric testing
- D. To clean the area after work is done

Correct Answer: B

6. What atmospheric condition must be verified by testing before entry into a confined space?

- A. Oxygen content, Flammability, and Toxicity (H₂S, CO)
- B. Temperature and humidity
- C. Air pressure
- D. Wind speed

Correct Answer: A

7. What is the minimum acceptable Oxygen (O₂) percentage for entry into a confined space?

- A. 19.5%
- B. 18.5%
- C. 20.8%
- D. 21.5%

Correct Answer: A

8. What is the maximum permissible concentration of flammable gas (LEL/LFL) for Confined Space entry?

- A. 5%
- B. 10%
- C. 20%
- D. 50%

Correct Answer: A

9. If atmospheric conditions change (e.g., LEL rises above 5%) during entry, what must happen immediately?

- A. Work must continue quickly
- B. All entrants must evacuate immediately
- C. The Standby Man must enter to check
- D. The supervisor must be called for guidance

Correct Answer: B

10. How often must the atmosphere inside a confined space be tested during the entry period?

- A. Every 4 hours
- B. Continuously or at frequent intervals

- C. Only at the start of the shift
- D. Once per day

Correct Answer: B

11. Which gas requires a test result of zero (0) parts per million (ppm) before entry?

- A. Oxygen
- B. Carbon Dioxide (CO₂)
- C. Hydrogen Sulfide (H₂S)
- D. Methane

Correct Answer: C

12. What is required to be available outside the confined space entrance for immediate rescue?

- A. A radio and a shovel
- B. A fully charged, attended breathing apparatus (SCBA)
- C. A supervisor's car key
- D. A first aid kit only

Correct Answer: B

13. Who must approve the method used to ensure continuous monitoring and accountability of personnel inside the space?

- A. The Standby Man
- B. The Permit Issuer/Delegate
- C. The Entrant
- D. The Fire Watch

Correct Answer: B

14. Which of the following spaces is explicitly listed as a potential Confined Space?

- A. A large warehouse
- B. An open yard
- C. A vessel skirt
- D. A mobile office

Correct Answer: C

15. What is the requirement for all electrical equipment used inside a confined space?

- A. It must be battery operated
- B. It must be intrinsically safe, double insulated, or low voltage

- C. It must be labeled in Arabic
- D. It must be owned by Saudi Aramco

Correct Answer: B

16. If a worker needs to leave a confined space temporarily (e.g., for a break), what must happen to the permit?

- A. It remains active
- B. It must be cancelled and reissued upon return
- C. It must be signed again
- D. It must be folded

Correct Answer: A

17. What is the maximum permissible concentration for Carbon Monoxide (CO) for Confined Space entry?

- A. 10 ppm
- B. 25 ppm
- C. 35 ppm
- D. 50 ppm

Correct Answer: C

18. Who is responsible for authorizing the initial entry into the confined space?

- A. The Standby Man
- B. The Authorized Gas Tester
- C. The Permit Issuer/Delegate
- D. The Entrant Supervisor

Correct Answer: C

19. What is the rule regarding the use of ventilation in a confined space?

- A. Ventilation is optional
- B. Continuous, forced-air ventilation is mandatory unless conditions are proven acceptable
- C. Only natural ventilation is allowed
- D. Ventilation must be stopped during gas testing

Correct Answer: B

20. What must be done to prevent the possibility of an entrant falling into an opening when exiting a Confined Space?

- A. Place a warning sign

- B. Barricade the opening when not in use
- C. Tie a rope to the entrant
- D. Stand on the opening

Correct Answer: B

21. What is the required frequency for training of all personnel involved in Confined Space entry?

- A. Daily
- B. Annually
- C. Every three years
- D. Only once

Correct Answer: C

22. If the confined space is an excavation, what must be done to prevent soil collapse?

- A. Spray it with water
- B. Ensure it is protected by shoring, sloping, or benching
- C. Cover it with a sheet
- D. Dig it wider

Correct Answer: B

23. Which of the following is NOT a defined characteristic of a confined space?

- A. Limited or restricted means for entry or exit
- B. Is designed for continuous employee occupancy
- C. Is large enough and configured so that an employee can bodily enter and perform work
- D. May contain or have the potential to contain a serious hazard

Correct Answer: B

24. What must be done with all services (e.g., water, air, chemical lines) connected to the space before entry?

- A. They must be painted red
- B. They must be positively isolated (e.g., blinding or double block and bleed)
- C. They must be wrapped in caution tape
- D. They must be partially closed

Correct Answer: B

25. What piece of equipment must the Standby Man have readily available to maintain contact with entrants?

- A. A cell phone
- B. A continuous communication device (e.g., radio, hard-wired system)
- C. A megaphone
- D. A whistle

Correct Answer: B

26. If a Hot Work activity is required inside a confined space, what is needed?

- A. Only the Green Confined Space Permit
- B. Only the Red Hot Work Permit
- C. Both the Green and Red permits must be issued and coordinated
- D. No permits are needed

Correct Answer: C

27. What type of rescue is strictly forbidden by the Standby Man?

- A. Calling 911
- B. Non-entry rescue attempts
- C. Entering the space for rescue
- D. Using the communication device

Correct Answer: C

28. What must be completed on the Confined Space Entry Permit before work can begin?

- A. The list of tools to be used
- B. The isolation checklist and atmospheric testing record
- C. The worker's medical history
- D. The shift change record

Correct Answer: B

29. When can a worker remove his or her lock and tag from the confined space isolation point?

- A. When the job is complete and ready for service
- B. When the Standby Man is relieved
- C. When the permit expires
- D. When the supervisor says so, regardless of job status

Correct Answer: A

30. What must be done to prevent unexpected flooding from external sources into an excavation/confined space?

- A. Cover the excavation with a tarp
- B. Provide suitable control of surface water runoff
- C. Post a watchman
- D. Place sandbags around the edge

Correct Answer: B

31. What is the hazard associated with oxygen concentration falling below 19.5%?

- A. Fire hazard
- B. Flammability
- C. Asphyxiation
- D. Explosion

Correct Answer: C

32. What is the hazard associated with flammable gas levels rising above 10% LEL/LFL?

- A. Asphyxiation
- B. Toxicity
- C. Explosion/Fire Hazard
- D. Extreme Cold

Correct Answer: C

33. If a non-identified hazard is discovered during Confined Space entry, what is the immediate action?

- A. Consult the permit for guidance
- B. Evacuate all personnel and notify the supervisor
- C. Continue working while testing the hazard
- D. Use the Standby Man to deal with it

Correct Answer: B

34. What is the requirement for rescue equipment, such as retrieval lines, in a vertical entry confined space?

- A. They are optional
- B. They must be attached to the entrant at all times
- C. They must be used only in emergencies
- D. They must be stored in the office

Correct Answer: B

35. Who must authorize the use of a continuous ventilation system?

- A. The Standby Man
- B. The Authorized Gas Tester
- C. The Permit Issuer/Delegate
- D. The Entrant

Correct Answer: C

36. What must be available to entrants and the Standby Man if the Confined Space contains H₂S?

- A. Fresh water
- B. Emergency Escape Breathing Apparatus (EEBA)
- C. Extra gloves
- D. A fan

Correct Answer: B

37. What documentation must the Standby Man keep during the Confined Space entry?

- A. A list of all tools inside
- B. A log of entrants and exits, and atmospheric test results
- C. A copy of the supervisor's license
- D. A record of the day's temperature

Correct Answer: B

38. What type of power source is recommended for lighting inside a confined space?

- A. 220 Volt AC
- B. 110 Volt AC
- C. Low Voltage (12 V or less)
- D. Diesel Generator

Correct Answer: C

39. When are non-entry retrieval systems required for Confined Space?

- A. Always, unless retrieved by the Standby Man
- B. When vertical entry or rescue is required
- C. Only if the space is wet
- D. Never, only manual rescue is allowed

Correct Answer: B

40. How must portable ladders be secured for use in a confined space?

- A. Tied to the railing
- B. Secured against slipping and displacement
- C. Held by the Standby Man
- D. Only if the space is deep

Correct Answer: B

41. Which item must be removed from the confined space immediately upon completion of work?

- A. The ladder
- B. All tools and non-essential items
- C. The permit sign
- D. The ventilation system

Correct Answer: B

42. What must the Entrant Supervisor verify regarding the confined space before authorizing entry?

- A. That the space is newly painted
- B. That the space is cleaned and verified safe for entry
- C. That the weather is sunny
- D. That all workers have eaten lunch

Correct Answer: B

43. What is the rule regarding the use of internal combustion engines (e.g., gasoline pumps) inside a confined space?

- A. Allowed if ventilated
- B. Prohibited due to exhaust and fire risk
- C. Allowed for short periods
- D. Allowed if the engine is new

Correct Answer: B

44. What must the Standby Man prevent regarding the confined space?

- A. Excessive noise
- B. Unauthorized entry
- C. Entrants from leaving early
- D. The wind from blowing on the permit

Correct Answer: B

45. What must be done to the permit once the Confined Space work is fully completed and the space is safe?

- A. Filed away
- B. Signed off and closed by the supervisor
- C. Torn up
- D. Used for the next job

Correct Answer: B

46. What is the maximum time duration for a Confined Space Entry Permit?

- A. 24 hours
- B. 12 hours
- C. The permit duration is set by the supervisor, but usually not exceeding one shift
- D. 7 days

Correct Answer: C

47. What is the requirement for the lighting level inside the confined space?

- A. Must be dark
- B. Must be adequate for the work being performed
- C. Must be the minimum required
- D. Must be natural light only

Correct Answer: B

48. Who is responsible for issuing the Confined Space Entry Permit?

- A. The Saudi Aramco Manager or their authorized delegate
- B. The contractor's safety officer
- C. The security guard
- D. The Standby Man

Correct Answer: A

49. If a portable fan is used for ventilation, what must be ensured regarding the air source?

- A. That it is from a contaminated area
- B. That it is from a clean, uncontaminated source
- C. That it is from the equipment being cleaned
- D. That it is heated

Correct Answer: B

50. What must be verified regarding all workers before they enter a Confined Space?

- A. Their weight
- B. That they are medically fit and trained for the specific entry
- C. Their favorite color
- D. That they have worked for the company for 10 years

Correct Answer: B

51. What must be attached to the confined space manhole when the permit is active?

- A. A picture of the manager
- B. The original Confined Space Entry Permit
- C. A safety mascot
- D. A sign saying 'Danger'

Correct Answer: B

52. What is the purpose of flushing or cleaning a vessel before entry?

- A. To make it shiny
- B. To remove hazardous residues and atmosphere
- C. To prevent rusting
- D. To check for leaks

Correct Answer: B
