

CBT QUESTIONS

1. Gas interruption during weld solidification?

Ans. Porosity

2. DCEN..... polarity?

Ans. Straight

3. Fittings cut and re-bevelled what you will do?

Ans. Check lamination with suitable NDT

4. Green strip on tungsten electrode?

Ans. Pure tungsten

5. Who is responsible for WPS qualification?

A- contractor

6. Main reason for crater crack?

A- Weld technique

7. DCEP..... polarity?

A- reverse polarity

8. Which one is the inspection tools?

A- Measuring tape (check)

9. You see Welder using wrong electrode, Will you stop? What will be your first step?

A- (a) yes this is violation (b) Revoke the welder (c) Investigate and inform supervisor and higher management (check)

10. Triangle shape weld symbol, what type of weld?

A- Fillet

11. Damped electrode – which type of defect occur?

A- porosity

12. Leak test, what method used?

A- (a) penetrant test (b) vacuum box test (c) kerosene oil test (??)

13. What is the maximum time between root and hot pass?

A- 15 min for vertical up and 5 min for vertical down

14. NDT stands for?

A-Non-destructive test

15. In windy condition how to protect welding?

A-use windshield

16. Inspection method for surface defect?

A-(i) VT (ii) PT (iii) MT (iv) All of the above

17. Pipeline welding acceptance standard?

A- API 1104

18. What SFA specification for 8018 electrodes

A- A5.5

19. RT and Visual acceptance standard for pipeline?

A- api1104

20. Structural welding code?

A- D1.1

21. How to find concave fillet weld size?

A- check

22. AWS welding inspector can perform which test?

A- VT

23. Using SMAW welding, what are the reasons for possibility for hydrogen cracking?

A-check.

24. Welder qualified in 5G position, which position he can weld?

A- F, V, O

25. How to minimize residual stress?

A-Peening, vibrating, thermal heating (check)

26. Maximum Acceptable undercut for normal service as per B31.3?

A-1 mm (Note: 0.8 mm as per API)

27. Function of electrode coating?

A- shielding, alloy, deoxidation, **all of the above**

28. For radiography of a pipe, source inside the pipe and film outside single wall exposure, and single wall viewing?

A-panoramic shot

29. Why 6010 electrode in root and type of electrode?

A-Good penetration and cellulosic

30. How to handle low hydrogen electrodes while welding?

A-check

31. Electrode for 9 chrome 1 moly?

A-E80xx LB8

32. Essential variables for welder in SMAW process?

A-Change in vertical position

33. How to verify RT sensitivity?

A-IQI

34. Main element of welding symbols?

A-Reference line

35. High frequency sound wave transmitted into metal at an angle, what is test method?

A-UT

36. Maximum diameter of low hydrogen electrode can be used other than 1G/1F position?

A-4 mm

37. Nonessential variable changed, what you will do?

A- change the variable in the existing WPS without requalification

38. Which defect is not accepted in all services in plant piping?

A-crack

39. Pulling load applied on the test piece which is the test?

A-tensile test