

## Aramco Written test Questions

### Section one, 30 Question

- 1 While using grinder it is important to wear both **safety goggles and face shields**
- 2 The ratio for the ladder slope is **4:1**
- 3 The spoil should be kept **2 feet** away from the excavation
- 4 Safety harness must be used above **1.8** meter height
- 5 Any excavation deeper than **1.2** meter is confined space
- 6 ELCB is **earth leakage circuit breaker**
7. GFCI is **Ground fault circuit interrupter**
- 8 GI general instruction for work permit is **GI 2.100**
9. GI general instruction for Man basket and crane suspended platform is **GI 7.027**
- 10 **Extended outriggers** is not effecting the load capacity of crane
- 11 Every crane must be inspected after **3 months**
- 12 Heavy equipment's shall not be operated with in **1.8 m (6ft)** of any excavation
13. Ladders or other means of access shall be provided every **7.5m (25 ft.)** in all occupied excavations
14. Ladder shall be extended minimum **1 m (3 ft.)**
- 15 Maximum Pressure of o<sub>2</sub>/Acetylene gas cylinder is **15psi**
- 16 Cutting welding and grinding is not allowed in o<sub>2</sub> enriched environment greater than **23.5%**
- 17 While welding all sewers must be covered prior to work with in **23 m (75 ft)**
- 18 Safe distance of cranes and heavy equipment from power lines are as below  
Up to 50000V is **3m (10ft)**  
50000V to 250000V is **6m (20 ft)**  
Over 250000 V is **7.6m (25ft)**
19. Maximum voltage for portable electrical hand tools shall not exceeds **125 V**
20. SCBA is **self-contained breathing apparatus**
- 21 Three types of Scaffolds tags in Aramco  
**A, Red. Do not use scaffold**  
**B, Yellow, Full body harness required**  
**C. Green, Scaffold passed inspection**

22. Maximum allowable slopes for less than 6 m (20ft) deep for C type soil is 34 degree

23. A dead power line fall on the crane. In this situation crane operator should remain calm and don't fled away from the crane until the emergency help arrives

24. Most loose/unstable soil type is C TYPE

25. Most common type of fire in the construction are A, B & C fire

26. While selecting the Location and quantity of Foam fire extinguisher in any location must consider the severity of fire (How much it worst be)

27. The U Clamp must be installed 3 on both dead end

**Note: Passing Percentage for HSE Officer is 70% (21 Question) and for HSE Supervisor is 80 % (25 Question)**

Section ii

(Incident report)

**Incident Scenario:** Fire location is Fabrication shop, Khurais Fabrication yard, Time 1:30 pm, date Oct 25, 2015, injured one person

1, Describe the incident

2 What was the cause of incident?

3, immediate corrective action

4. Recommendations

Section III

Prepare the JSA of your own choice or JSA activity may be informed by Examiner