

A floating roof tank

1. What is the main purpose of a floating roof tank?

- A. To create more storage space
- B. To minimize evaporation of volatile products
- C. To increase tank durability
- D. To prevent tank corrosion

2. What makes floating roof tanks safer than fixed roof tanks?

- A. They are made of stronger materials
- B. They have no empty space for flammable mixtures
- C. They are larger in size
- D. They have more advanced cooling systems

3. What are the three key elements of the fire triangle?

- A. Tank, oxygen, and heat
- B. Fuel, water, and ignition
- C. Flammable material, oxygen, and ignition source
- D. Pressure, temperature, and chemicals

4. Why might petroleum storage tanks need to be degassed?

- A. To increase storage capacity
- B. To improve tank appearance
- C. For inspection, repairs, maintenance, and cleaning
- D. To change the tank's color

5. How does a floating roof tank function?

- A. It remains stationary at all times
- B. The roof moves up and down with the liquid level
- C. It uses external pumps to control liquid
- D. It automatically regulates tank temperature

6. What types of products are typically stored in floating roof tanks?

- A. Solid materials
- B. Frozen goods
- C. Highly volatile liquids like petrol and crude oil
- D. Agricultural products

7. What are the main categories of valves mentioned in the text?

- A. Small, medium, and large valves
- B. Metal and plastic valves
- C. Stop, regulating, backflow prevention, and pressure relief valves
- D. Manual and automatic valves