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Exam : API-510

Title : Pressure Vessel Inspector

Version : DEMO

1.To exempt a vessel from internal inspections, what is the value of the corrosion rate that cannot be exceeded?

- A. 0.005" per year
- B. 0.001" between inspections not to exceed 5 years between inspections
- C. 0.001" per year
- D. 0.005" between inspections not to exceed 3 years between inspections

Answer: A

2.The remaining life of a vessel is 24 years.

What is the maximum interval for the internal inspection?

- A. 5 years
- B. 6 years
- C. 10 years
- D. 12 years

Answer: C

3.If a vessel is subjected to temperatures above design, what may happen

- A. Precipitation at the grain boundaries may occur.
- B. The rupture disk may implode
- C. The relief device may fail
- D. Creep of the vessel's material may occur

Answer: D

4.The internal inspection interval must be reviewed whenever changes occur that could affect the degradation of the vessel.

In which of the following situations does a review of the internal interval need not be conducted?

- A. operating temperature increases
- B. operating pressure decreases
- C. operating pressure increases
- D. fluid composition changes

Answer: B

5.The definition of pressure vessels is:

- A. A container designed to withstand internal or external pressure
- B. A vessel for the containment of process fluids with or without internal pressure
- C. A container designed to operate below atmospheric pressure
- D. A container no greater than 8" in cross section

Answer: A