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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