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QUESTION & ANSWER

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Exam : **API-571**

Title : Corrosion and Materials Professional

Version : DEMO

1._____ is the main concern during start-up, shutdown and/or hydro testing for equipment/piping operating at elevated temperatures. This event can also occur in an auto refrigeration event in units processing light hydrocarbons.
A. Stress fracture
B. Carburization
C. Spheroidization
D. Brittle fracture
Answer: D

2.Fatigue will not occur in carbon steel if stresses are below the:
A. Transition limit.
B. Endurance limit.
C. Hardening limit.
D. Speed limit.
Answer: B

3._____ has been a major problem on coke drum shells.
A. Thermal fatigue
B. Stress cracking
C. Erosion
D. Temper embrittlement
Answer: A

4.The “L” grade of stainless steels will sensitize if exposed more than several hours above _____ or long term above _____.
A. 1200º F, 800º F
B. 1000º, 600º F
C. 1000º F, 750º F
D. 1100º F, 800º F
Answer: C

5.Once cracking from LME has occurred, grinding out the affected area _____ an acceptable fix.
A. Is
B. Is not
C. Can be
D. Can not be
Answer: B