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Exam : NACE-CIP1-001

Title : Coating Inspector Level 1

Version : DEMO

1.You are the NACE Inspector on a tank lining project where a 50% solids epoxy tank lining is being applied. After application of the 19 coat you notice small blisters in some areas of the applied lining. Your FIRST preferred course of action is to:

- A. Break the blisters to see what's inside
- B. Document the problem and advise the Contractor and Owner's representative
- C. Document the problem and advise the Contractor
- D. Extract any liquid that may be inside the blister and send it to the lab for further analysis

Answer: B

2.Dew point is the temperature at which

- A. water freezes.
- B. humidity decreases
- C. condensation occurs.
- D. the air is saturated.

Answer: C

3.If a contractor is using a poorly maintained compressor to supply air for abrasive blast cleaning and conventional airspray, the coating inspector should perform a

- A. dry film thickness (DEI) measurement.
- B. wet film thickness (WFT) measurement.
- C. blotter test for the presence of oil and water.
- D. vial test.

Answer: C

4.Upon arrival of coating materials, the inspector should

- A. review coating contractors' plans for storage of coating materials and confirm they meet national, local and owners' fire and environmental regulations.
- B. observe and document the amount of material and batch numbers.
- C. observe and document that the applicator WFT at regular intervals during application.
- D. observe and document time frame and environmental conditions between each coat.

Answer: B

5.Relative humidity is

- A. a measure of the amount of moisture in the air compared to saturation level.
- B. a measure of the amount of moisture in the air compared to the air temperature.
- C. the lowest temperature at which moisture forms on a steel surface.
- D. the highest temperature at which moisture forms on a steel surface.

Answer: A