

NDT FPI LEVEL 1 STUDY GUIDE EXAM QUESTIONS WITH ANSWERS 2025/2026 GRADED A+

When using a pulse and moistening penetrant, it is necessary to apply the emulsifier

- A. Before applying to penetrant.
- B. After the water wash operation.
- C. After the dwell time has elapsed.
- D. After the development time has elapsed. - C. After the dwell time has elapsed.

When conducting a water washable liquid penetrant test, the web developer is applied

- A. Immediately after the penetrant has been applied.
- B. Immediately before the penetrant is applied.
- C. After removal of the penetrant.
- D. After removal of the emulsifier. - C. After removal of the penetrant.

The term used to describe the action of a particular developer, and soaking up the penetrant in a discontinuity so as to cause the maximum bleed out of the liquid penetrant for increased contrast and sensitivity is known as

- A. Blotting.
- B. Capillary action.
- C. Concentration.
- D. Attraction. - A. Blotting.

Using a black light lamp with a cracked filter, or without a filter in place can cause damage to human eye because the lamp admits

- A. Black light.
- B. Ultraviolet light.
- C. Infrared light.
- D. None of the above. - B. Ultraviolet light.

The term used to define a period of time in which the test part is completely covered with penetrant is

- A. Waiting time.
- B. Soak time.
- C. Penetration time.
- D. Bleed in time. - C. Penetration time.

Usually the most desirable method of removing excess water washable penetrant after the dwell time is by using

- A. A low pressure coarse water spray.

Ndt Study Guide

James Cousin

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