

## Exam Name - Thread Inspection Specialist (TIS)<sup>™</sup>

### Sample Exam

1. What is the primary purpose of thread inspection?

- A. Measure tensile strength of fasteners
- B. Ensure thread geometry meets specifications
- C. Apply coatings evenly
- D. Verify hardness of materials

Answer **B**

2. Which NDT method is commonly used for detecting minor surface cracks in threads?

- A. Ultrasonic Testing (UT)
- B. Dye Penetrant Inspection (PT)
- C. Radiographic Testing (RT)
- D. Eddy Current Testing (ECT)

Answer **B**

3. What is the role of the developer in a dye penetrant test?

- A. Clean the surface
- B. Draw penetrant out of flaws
- C. Seal defects after inspection
- D. Provide magnetic coupling

Answer **B**

4. Magnetic Particle Testing (MT) is suitable for thread inspection on:

- A. Stainless steel fasteners
- B. Non-magnetic aluminum bolts
- C. Ferromagnetic steel components
- D. Plastic threaded parts

Answer **C**

5. When performing dye penetrant tests on threaded parts, which practice is critical?

- A. Heat parts above 100 °C
- B. Ensure threads are clean, dry, and free of oil
- C. Only inspect internal threads
- D. Use magnetic field orientation

Answer **B**

6. What defines a "false indication" in NDT?

- A. A defect that exceeds tolerance
- B. An irrelevant artifact from the method
- C. A confirmed crack
- D. A flaw that meets code requirements

Answer **B**