Thermal Spray Inspector Exam

Exam Preparation Guide
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Introduction

As thermal spray coatings become more widely used in the protective coatings industry, it becomes more important to ensure these coating systems are applied properly. This exam covers the inspection of thermal spray from pre-surface preparation through coating application.

Thermal Spray Inspectors should be able to recognize and describe the proper role of the inspector, recognize common inspection hold points and quality control procedures for thermal spray inspection, and implement and follow correct thermal spray inspection procedures for surface preparation and application.

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Thermal Spray Inspector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Seat Time</td>
<td>45 minutes</td>
</tr>
<tr>
<td>Number of Questions</td>
<td>25</td>
</tr>
<tr>
<td>Format</td>
<td>CBT - Live Online Remote Proctoring (Examity)</td>
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</tbody>
</table>

**NOTE:** A Pass/Fail result is provided at the end of the exam.
Requirements

Requirements for Thermal Spray Specialty Endorsement

- Prerequisites
- Exams Requirements

Prerequisites

- Thermal Spray Inspector Training
  - Active Basic Coatings Inspector (CIP Level 1) Certification or higher

Exam Requirements

- Theory Exam (CBT)

Endorsement renewal requirements

- Thermal Spray Specialty Endorsement renews automatically alongside your Basic/Certified/Senior Certified Coatings Inspector certification (CIP Level 1/2/3). No additional requirements are needed.

Upon successful completion of requirements, the candidate will be awarded an AMPP Thermal Spray Specialty Endorsement.

*Approval required*
Exam Blueprint

NOTE: At the end of the computer-based exam, candidates will receive a bar chart of strengths and weaknesses that correspond to these Domains.

1. Thermal Spray Overview (1% - 5%)
2. The Inspector's Role (5% - 10%)
3. Inspection Hold Points (1% - 5%)
4. Thermal Spray Inspection Procedures (1% - 5%)
5. Inspecting Surface Preparation (40% - 45%)
6. Inspecting Applied TSC (40% - 45%)
7. Thermal Spray Safety (1% - 5%)