

Certification: Spray-applied Fireproofing Special Inspector



Exam ID: 86

- 40 multiple-choice questions
- 1-1/2-hour limit
- Open book

Scope:

The Spray-applied Fireproofing Special Inspector is responsible for enforcing the construction details contained in the approved plans and specifications for sprayed fire-resistant materials. The special inspector reviews the statement of special inspections and the approved plans and specifications, and verifies that sprayed fire-resistant materials applied to structural members of the building comply with the plans and specifications, as well as the preparation, application, and testing of these materials. The special inspector is responsible for writing and submitting required reports, including reports of items that do not comply with the plans, to the building official, contractor, and/or registered design professional.

01	General Requirements	20%
0101	<u>Duties and Responsibilities</u> Review approved plan and specifications for special inspection requirements. Comply with special inspection requirements of the enforcing jurisdiction.	7%
0102	<u>Notification of Discrepancies</u> Notify the contractor of deviations from approved plans and specifications. If the deviations are uncorrected, notify the architect or engineer of record and the building official of	6%
0103	<u>Inspection Reports</u> Submit progress reports to the architect or engineer of record and the building official, describing tests which were performed and compliance of work. Submit final summary report stating whether work requiring special inspection was in conformance with the approved plans and applicable provisions of the building code.	7%
02	Materials, Preparation, Application, and Testing	80%
0201	<u>Material Identification</u> Verify that the proposed materials are of the type specified, are properly stored, and have been approved by the registered design professional in charge and the building official.	10%
0202	<u>Substrate Condition</u> Verify that the substrate has been properly prepared and is free of oil, dirt, scale, loose paint or primer, or other materials which may prevent adequate adhesion.	7%
0203	<u>Application and Thickness</u> Identify the members to be fireproofed and the minimum required coverage and thickness. Verify the condition of the finished application.	28%

0204 Sampling and Testing

35%

Determine the required type and frequency of tests to be performed. Observe the sampling, field testing, and fabrication of test specimens.