

Project:
Date Prepared:

Statement of Special Inspections – A/M/E/P A/P # : (By Staff)

Project:

Location:

Owner:

This *Statement of Special Inspections* encompasses the following discipline:

Mechanical/Electrical/Plumbing

Architectural

Other: _____

Registered Design Professional in Responsible Charge :

Firm Name:

(Note: *Statement of Special Inspections* for other disciplines may be included under a separate cover)

This *Statement of Special Inspections* is submitted as a condition preceding issuance of permit in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project. A list of the identity of approved agencies to be retained for conducting these inspections and tests will be submitted as soon as possible.

Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted by the Special Inspector to the Building Official when requested and the Registered Design Professional in Responsible Charge (RDPIRC) at an interval determined by the RDPIRC.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to final inspections by City of Tulsa. Each *Final Report* shall be prepared and submitted by the special inspector to the RDPIRC. The RDPIRC shall collate all the *Final Reports* for the project and submit to the Building Official prior to final inspections.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *Upon request of Building Official* per attached schedule.

Prepared by:

(type or print name of the Registered Design Professional in Responsible Charge)

Signature

Date



Owner's Authorization:

Signature

Date

Statement of Special Inspections – A/M/E/P (Continued)

Project:
Date Prepared:

List of Special Inspectors/Approved Agencies

Project:

Location:

Owner:

This *Statement of Special Inspections* encompass the following discipline:

- Architectural
 Mechanical/Electrical/Plumbing
 Other: _____

(Note: *Statement of Special Inspections* for other disciplines may be included under a separate cover)

This Statement of Special Inspections includes the following building systems:

- Sprayed Fire Resistant Materials
- Exterior Insulation and Finish Systems (EIFS)
- Smoke Control
- Fire Resistant Coatings
- Special Cases

Special Inspectors/Approved Agencies	Firm	Address, Telephone, e-mail
1. Special Inspector (SI 1)		
2. Special Inspector (SI 2)		
3. Testing Agency (TA 1)		
4. Testing Agency (TA 2)		
5. Other (O1)		

Note: The special inspectors /approved agencies shall be employed by the Owner or the Registered Design Professional Responsible Charge acting as the Owner’s agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. The RDPIRC and Engineer or Architect of Record involved in the design of the project is permitted to act as the approved agency and their personnel are permitted to act as special inspectors provided they are qualified. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

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Statement of Special Inspections – A/M/E/P
SPRAYED FIRE-RESISTANT MATERIALS

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
2015 IBC Section 170 5.14						
Structural member surface conditions.			IBC 1705.14.2		PE/EIT; RA; SFSI	
a) Surfaces shall be prepared in accordance with the approved fire-resistance design and the written instructions of approved manufacturers. The prepared surface of structural members to be sprayed shall be inspected before the application of the sprayed fire resistant material.					PE/EIT; RA; SFSI	
					PE/EIT; RA; SFSI	
Application			IBC 1705.14.3		PE/EIT; RA; SFSI	
The substrate shall have a minimum ambient temperature before and after application as specified in the written instructions of approved manufacturers. The area for application shall be ventilated during and after application as required by the written instructions of approved manufacturers.					PE/EIT; RA; SFSI	
					PE/EIT; RA; SFSI	
Thickness. No more than 10 percent of the thickness measurements of the sprayed fire-resistant materials applied to floor, roof and wall assemblies and structural members shall be less than the thickness required by the approved fire-resistance design, but in no case less than the minimum allowable thickness required by Section 1705.14.4.1. 1705.14.4.1 Minimum allowable thickness: For design thicknesses 1" (25 mm) or greater, the minimum allowable individual thickness shall be the design thickness minus 1/4" (6.4 mm). For design thicknesses less than 1" (25 mm), the minimum allowable individual thickness shall be the design thickness minus 25 percent. Thickness shall be determined in accordance with ASTM E 605. Samples of the sprayed fire-resistant materials shall be selected in accordance with Sections 1705.14.4.2 and 1705.14.4.3.			IBC 1705.14.4& 1705.14.4.1		PE/EIT; RA; SFSI	
1705.14.2 Floor, roof and wall assemblies. The thickness of the sprayed fire-resistant material applied to floor, roof and wall assemblies shall be determined in accordance with ASTM E 605, making not less than four measurements for each 1,000 square feet (93 m2) of the sprayed area, or portion thereof, in each story.			IBC 1705.14.4.2		PE/EIT; RA; SFSI	
1705.14.4.3 Cellular decks. Thickness measurements shall be selected from a square area, 12 inches by 12 inches (305 mm by 305 mm) in size. A minimum of four measurements shall be made, located symmetrically within the square area.			IBC 1705.14.4.3		PE/EIT; RA; SFSI	
1705.14.4.4 Fluted decks. Thickness measurements shall be selected from a square area, 12 inches by 12 inches (305 mm by 305 mm) in size. A minimum of four measurements shall be made, located symmetrically within the square area, including one each of the following: valley, crest and sides. The average of the measurements shall be reported.			IBC 1705.14.4.4		PE/EIT; RA; SFSI	

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1705.14.4.5 Structural members. The thickness of the sprayed fire-resistant material applied to structural members shall be determined in accordance with ASTM E 605. Thickness testing shall be performed on not less than 25 percent of the structural members on each floor.			IBC 1705.14.4.5		PE/EIT; RA; SFSI	
1705.14.4.6 Beams and Girders. At beams and girders thickness measurements shall be made at nine locations around the beam or girder at each end of a 12-inch (305mm) length.			IBC 1705.14.4.6		PE/EIT; RA; SFSI	
1705.14.4.7 Joists and trusses. At joists and trusses, thickness measurements shall be made at seven locations around the joist or truss at each end of a 12-inch (305mm) length.			IBC 1705.14.4.7		PE/EIT; RA; SFSI	
1705.14.4.8 Wide-flanged columns. At wide-flanged columns, thickness measurements shall be made at 12 locations around the column at each end of a 12-inch (305mm) length.			IBC 1705.14.4.8		PE/EIT; RA; SFSI	
1705.14.4.9 Hollow structural section and pipe columns. At hollow structural section and pipe columns, thickness measurements shall be made at a minimum of four locations around the column at each end of a 12-inch (305mm) length.			IBC 1705.14.4.9		PE/EIT; RA; SFSI	
1705.14.5 Density: The density of the sprayed fire-resistant material shall not be less than the density specified in the approved fire-resistance design. Density of the sprayed fire-resistant material shall be determined in accordance with ASTM E 605. The test samples for determining the density of the sprayed fire-resistant materials shall be as follows:			IBC 1704.12.5		PE/EIT; RA; SFSI	
1. From each floor, roof and wall assembly at the rate of not less than one sample for every 2,500 square feet (232 m ²) or portion thereof of the sprayed area in each story.			IBC 1704.12.5		PE/EIT; RA; SFSI	
2. From beams, girders, trusses and columns at the rate of not less than one sample for each type of structural member for each 2,500 square feet (232m ²) of floor area or portion thereof in each story.			IBC 1704.12.5		PE/EIT; RA; SFSI	
1705.14.6 Bond Strength: The cohesive/adhesive bond strength of the cured sprayed fire-resistant material applied to floor, roof and wall assemblies and structural members shall not be less than 150 pounds per square foot (psf) (7.18 kN/m ²). The cohesive/adhesive bond strength shall be determined in accordance with the field test specified in ASTM E 736 by testing in-place samples of the sprayed fire-resistant material selected in accordance with Sections 1705.14.6.1 through 1705.14.6.3.			IBC 1704.12.6		PE/EIT; RA; SFSI	
1705.14.6.1 Floor, roof and wall assemblies: The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from each floor, roof and wall assembly at the rate of not less than one sample for every 2,500 square feet (232 m ²) of the sprayed area in each story or portion thereof.			IBC 1705.14.6.1		PE/EIT; RA; SFSI	
1705.14.6.2 Structural members: The test samples for determining the cohesive/adhesive bond strength of the sprayed fire-resistant materials shall be selected from beams, girders, trusses, columns and other structural members at the rate of not less than one sample for each type of structural framing member for each 2,500 square feet (232 m ²) of floor area or portion thereof in each story.			IBC 1705.14.6.2		PE/EIT; RA; SFSI	

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<p>1705.14.6.3 Primer, paint and encapsulant bond tests. Bond tests to qualify a primer, paint or encapsulant shall be conducted when the sprayed fire resistant material is applied to a primed, painted or encapsulated surface for which acceptable bond-strengths performance between these coatings and the fire-resistant material has not been determined. A bonding agent approved by the SFRM manufacturer shall be applied to a primed, painted or encapsulated surface where the bond strengths are found to be less than required values.</p>		<p>IBC 1705.14.6.3</p>	<p>PE/EIT; RA; SFSI</p>
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Statement of Special Inspections – A/M/E/P
FIRE-RESISTANT COATINGS

VERIFICATION AND INSPECTION 2015 IBC Section 1705.15	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<p>Mastic and intumescent fire-resistant coatings. Special inspections and tests for mastic and intumescent fire-resistant coatings applied to structural elements and decks shall be in performed in accordance with AWCI 12-B. Special inspections and tests shall be based on the fire-resistance design as designated in the approved construction documents.</p>			<p>IBC 1705.15</p>		<p>PE/EIT; RA; SFSI</p>	

Statement of Special Inspections – A/M/E/P
EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

VERIFICATION AND INSPECTION 2015 IBC Section 1705.16	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<p>1. Visual observation of the installation of EIFS systems without water-resistive barrier or without a means of draining moisture to the exterior.</p>			<p>IBC 1705.16</p>		<p>PE/EIT; RA</p>	
<p>2. Visual observation of the installation of EIFS systems. not installed over masonry or concrete walls.</p>			<p>IBC 1705.16</p>		<p>PE/EIT; RA</p>	
<p>1705.16.1 Visual observation of the installation of ASTM E 2570-compliant water-resistive barrier coating over a sheathing substrate.</p>			<p>IBC 1705.16.1</p>		<p>PE/EIT; RA</p>	

Statement of Special Inspections – A/M/E/P

FIRE STOP

VERIFICATION AND INSPECTION 2015 IBC Section 1705.17	Y/N	EXTENT: CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
<p>1705.17.1 Penetration firestops. Inspections of penetration firestop systems that are tested and listed in with Sections 714.3.1.2 and 714.4.2 shall be conducted by an approved agency in accordance with ASTM E 2174</p>			<p>IBC 1705.17.1</p>		<p>PE/EIT; RA</p>	
<p>1705.17.2 Fire-resistant joint systems. Inspection of fire-resistant joint systems that are tested and listed in accordance with Sections 715.3 and 715.4 shall be conducted by an approved agency in accordance with ASTM E 2393</p>			<p>IBC 1705.17.2</p>		<p>PE/EIT; RA</p>	

Project:
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Statement of Special Inspections – A/M/E/P
SMOKE CONTROL

VERIFICATION AND INSPECTION 2015 IBC Section 1705.17	Y/N	<u>EXTENT:</u> CONTINUOUS; PERIODIC; SUBMITTAL	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1705.18 Smoke control systems shall be tested by a special inspector.						
1705.18.1 The test scope shall be as follows:						
1. During erection of ductwork and prior to concealment for the purposes of leakage testing and recording of device location.			IBC 1705.18.1		PE/EIT; RA	
2. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements, and detection and control verification.			IBC 1705.18.1		PE/EIT; RA	
1705.18.2 Qualifications. Approved agencies for smoke control testing shall have expertise in fire protection engineering, mechanical engineering and certification as air balancers.			IBC 1705.18.2		PE/EIT; RA	

Project:
Date Prepared:

Final Report of Special Inspections – A/M/E/P **A/P # :** _____

[Note that all Special Inspector's Final Reports must be received prior to final inspections by the City of Tulsa.]

Project:
Location:
Owner:
Owner's Address:

Engineer/Architect of Record: _____
(name) *(firm)*

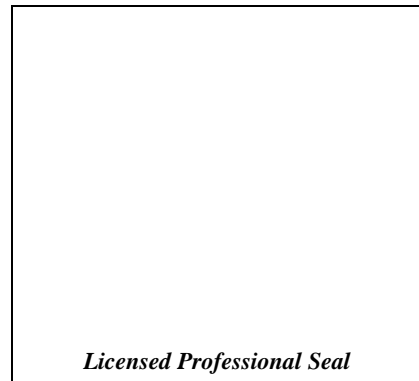
I, as the Registered Design Professional in Responsible Charge for this project, acknowledge receipt of all required interim and final reports, and hereby submit this final documentation that Special Inspections identified for this project have been administered, based upon the record of those reports.

Respectfully submitted,
Registered Design Professional in Responsible Charge

(Type or print name)

(Firm Name)

Signature Date



Project:
Date Prepared:

Special Inspector's Final Report – A/M/E/P

A/P # :

Project:
Special Inspector or
Agent:

(name)

(firm)

Designation:

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Inspector/Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved. The interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Special Inspector:

(Type or print name)

Signature

Date

*Licensed Professional Seal or
Certification Number*