



# Statement of Special Inspections

(Section 1704 – 2011 Ohio Building Code)

City of Aurora Building Department

129 W. Pioneer Trail

Aurora, Ohio 44202

Application/Permit Number: \_\_\_\_\_

Project Address: \_\_\_\_\_

Project Name: \_\_\_\_\_

Pursuant to Section 1704.1.1 -2011 Ohio Building Code (OBC)-the applicant shall submit a statement of special inspections prepared by the registered design professional in responsible charge as a condition for issuance of a plan approval. This statement shall be in accordance with Section 1705.

- **Part I:** A complete list of materials and work requiring special inspections and the required frequency of inspections by Section 1704.2 through 1704.14 – 2011 OBC.
- **Part II:** A list of special inspectors who are qualified and are competent to the particular type of construction or operations. **These special inspectors shall be employed by the owner or by the registered design professional in responsible charge acting as the owner’s agent. Submit proper resumes and/or certificates of the special inspectors.**

**\*\*Please mark “X” on all work items requiring special inspection and the required frequency of inspections for this project per requirements in Section 1704.**

## PART I: SCHEDULE OF SPECIAL INSPECTIONS

No	Item	Required	Continuous Inspection	Periodic Inspection
1	<b>Fabricators (OBC 1704.2)</b>			
	● Structural load-bearing members			
	● Structural load-bearing assemblies			
2	<b>Steel Construction (OBC 1704.3)</b>			
	● Material verification of high-strength bolts, nuts and washers (As required in Table 1704.3)			
	● Inspection of high-strength bolting (As required in Table 1704.3)			
	● Material verification of structural steel and cold-formed steel deck. (As required in Table 1704.3)			

No	Item	Required	Continuous Inspection	Periodic Inspection
	● Material verification of weld filler materials (As required in Table 1704.3)			
	● Inspection of Welding (As required in Table 1704.3)			
	● Reinforcing steel (As required in Table 1704.3)			
	● Inspection of steel frame joint details for compliance (As required in Table 1704.3)			
	● Cold-formed steel trusses spanning 60 feet or greater			
3	<b>Concrete Construction (OBC 1704.4)</b>			
	● Inspection of reinforcing steel, including pre-stressing tendons and placement			
	● Inspection of reinforcing steel welding in accordance with Table 1704.3, item 5b			
	● Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used			
	● Inspection of anchors installed in hardened concrete			
	● Verifying use of required design mix			
	● At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete			
	● Inspection of concrete and shotcrete placement for proper application techniques			
	● Inspection for maintenance of specified curing temperature and techniques			
	● Inspection of prestressed concrete: a. Application of prestressing forces b. Grouting of bonded prestressing tendons in the seismic-force-resisting system			
	● Erection of precast concrete members			
	● Verification of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs			
	● Inspect formwork for shape, location and dimensions of the concrete member being formed			
4	<b>Level 1 Required Verification and Inspection of Masonry Construction (OBC 1704.5)</b>			

No	Item	Required	Continuous Inspection	Periodic Inspection
	<ul style="list-style-type: none"> <li>● Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified</li> </ul>			
	<ul style="list-style-type: none"> <li>● Verification of fm and faac prior to construction except where specifically exempted by this code</li> </ul>			
	<ul style="list-style-type: none"> <li>● Verification of slump flow and VSI as delivered to the site for self-consolidating grout</li> </ul>			
	<ul style="list-style-type: none"> <li>● As masonry construction begins, verify a. thru e. as required in Table 1704.5.1</li> </ul>			
	<ul style="list-style-type: none"> <li>● During construction the inspection program shall verify: a. thru f. as required in Table 1704.5.1</li> </ul>			
	<ul style="list-style-type: none"> <li>● Prior to grouting, the following shall be verified to ensure compliance. (As required by Table 1704.5.1)</li> </ul>			
	<ul style="list-style-type: none"> <li>● Grout placement shall be verified to ensure compliance (As required by Table 1704.5.1)</li> </ul>			
	<ul style="list-style-type: none"> <li>● Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed</li> </ul>			
	<p><b>Level 2 Required Verification and Inspection of Masonry Construction (OBC Table 1704.5.3)</b></p>			
	<ul style="list-style-type: none"> <li>● Compliance with required inspection provisions of the construction documents and the approved submittals</li> </ul>			
	<ul style="list-style-type: none"> <li>● Verification of fm and faac prior to construction and for every 5,000 square feet during construction</li> </ul>			
	<ul style="list-style-type: none"> <li>● Verification of proportions of materials in premixed or pre-blended mortar and grout as delivered to the site</li> </ul>			
	<ul style="list-style-type: none"> <li>● Verification of slump flow and VSI as delivered to the site for self-consolidating grout</li> </ul>			
	<ul style="list-style-type: none"> <li>● The following shall be verified to ensure compliance: with items a. thru l. in Table 1704.5.3 Level 2.</li> </ul>			
	<ul style="list-style-type: none"> <li>● Preparation of any required grout specimens and/or prisms shall be observed</li> </ul>			
5	<p><b>Wood construction requirements (OBC 1704.6)</b></p>			

No	Item	Required	Continuous Inspection	Periodic Inspection
6	<b>Special Inspections for Wind &amp;/or Seismic Resistance (OBC 1706/1707)</b>			
7	<b>Structural Testing For Seismic Resistance (OBC 1708)</b>			
8	<b>Required Verification and Inspection of Soils as required by OBC Table 1704.7</b>			
9	<b>Required Verification and Inspection of Driven Deep Foundation Elements as required by Table 1704.8</b>			
10	<b>Required Verification and inspection of cast-in-place deep foundation elements as required by OBC Table 1704.9</b>			
11	<b>Vertical masonry foundation elements – per Table 1704.5</b>			
12	<b>Sprayed fire-resistant materials (OBC 1704.12)</b>			
	• Physical and visual tests			
	• Structural member surface conditions			
	• Application			
	• Thickness			
	• Density			
	• Bond Strength			
13	<b>Mastic and intumescent fire-resistant coatings (OBC 1704.13)</b>			
14	<b>Exterior insulation and finish systems (EIFS) (OBC 1704.14)</b>			
	• Water-resistive barrier coating			
15	<b>Special Cases (OBC 1704.15)</b>			
	• Materials & systems not prescribed in code			
	• Unusual design applications			
	• Additional requirements by manufacturers			
16	<b>Special Inspection for Smoke Control (OBC 1704.16)</b>			
	• Ductwork erection			
	• Leakage Testing			
	• System verification			

## PART II: LIST OF SPECIAL INSPECTORS

(Submit the resume & certification information of special inspectors for all marked special inspection items in Part I Table showing qualifications and/or special training per OBC 1704.1.)

No.	Item	Inspection Company	Name of Inspector
1	Fabricators (OBC 1704.2)		
2	Steel Construction (OBC 1704.3)		
3	Concrete Construction (OBC 1704.4)		
4	Level 1 – Masonry (OBC 1704.5)		
4	Level 2 – Masonry (OBC Table 1704.5.3)		
5	Wood Construction (OBC 1704.6)		
6	Wind &/or Seismic (OBC 1706/1707)		
7	Structural Testing Seismic (OBC 1708)		
8	Soils (OBC 1704.7)		
9	Driven Deep Foundations (OBC 1704.8)		
10	Cast-in-Place Deep Foundations (OBC 1704.9)		
11	Vertical Masonry Foundation Elements (OBC Table 1704.5)		
12	Sprayed Fire Resistant Materials (OBC 1704.12)		
13	Mastic & Intumescent Fire-resistant Coatings (OBC 1704.13)		

No.	Item	Inspection Company	Name of Inspector
14	Exterior Insulation Finish Systems (EIFS) (OBC 1704.14)		
15	Special Cases (OBC 1704.15)		
16	Smoke Control (OBC 1704.16)		

**OBC 1704.1.2 Report requirement** – special inspectors shall keep records of inspections. The special inspector shall furnish inspection reports to the building official, and to the registered design professional in responsible charge. Reports shall indicate that work inspected was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the building official and to the registered design professional in responsible charge prior to the completion of that phase of the work. A final report documenting required special inspections and correction of any discrepancies noted in the inspections shall be submitted to the building official prior to the issuance of the certificate of occupancy.

(All Reports shall indicate the date when the respective work received final inspection and approval, any special conditions or limitations of the approval, and the inspector’s name. Final reports shall be completed, signed, and submitted to the City of Aurora Building Department at the completion of the project.

**Report requirements:**

**For each item:** Daily, Weekly & Final reports are required.

(Submit all reports to the City of Aurora Building Inspector(s) either on-site at time of inspection or to the office between 7:30 am and 4:00 pm. For questions call (330) 562-9564.

The above statement of special inspections has been prepared by the registered project design professional in responsible charge in accordance with the provision of OBC section 1704.1.1 and 1705 of the Ohio Building Code.

The project registered design professional in responsible charge also acknowledges that he or she is responsible for reviewing and approving the special inspection reports submitted by the special inspectors at the required inspection periods. Any discrepancies in special inspection reports shall be brought to the attention of the building official. A final inspection report documenting the required special inspections and corrections of any discrepancies noted in the inspections shall be submitted to the building official.

**Project Registered Design Professional in Responsible Charge:**

Architect/Engineer \_\_\_\_\_ Ohio Registration No. \_\_\_\_\_

Firm Name/Address: \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Property Owner(s):**

Owner's Name \_\_\_\_\_ Title: \_\_\_\_\_

Firm Name/Address: \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Building Department:**

City of Aurora Building Department

Date Executed Statement Received: \_\_\_\_\_