

STATEMENT OF SPECIAL INSPECTIONS 1704.3 MBC2015

Type of Inspection	Continuous	Periodic
STEEL CONSTRUCTION (Sec. 1705.20)		
Structural steel per AISC 360 Quality Assurance Inspection Requirements.		
Steel deck per SDI Quality Assurance Inspection Requirements.		
STEEL JOISTS (Sec. 1705.2.3)		
End connections, welding or bolting.		
Bridging, horizontal or diagonal.		
CONCRETE CONSTRUCTION (Sec. 1705.3)		
Inspect reinforcement.		
Reinforcing bar welding.		
Upward inclined post-installed anchors.		
Post-installed and cat-in-place anchors.		
Verify use of design mix.		
Strength tests, slump tests, air and temperature.		
Placement for proper application techniques.		
Specified curing temperature and techniques.		
Verify forms for shape, locations and dimensions.		
Inspect erection of pre-cast members.		
MASONRY (Sec. 1705.4)		
Per ACI 530, ACI 530.1 Quality Assurance Requirements.		
SOILS (Sec.1705.6)		
Excavations are to the proper depth.		
Classification and testing of compacted fill materials.		
Lift thickness and densities of compacted materials.		
Subgrade and proper site preparation.		
DRIVEN DEEP FOUNDATIONS (1705.7)		
Material compliance for size and length of elements.		
Capacity of test elements and additional load tests.		
Driving operations and accurate records for each.		
Special inspection for steel elements.		

This is a sample of a Statement of Special Inspections based on Sec. 1704.3 of the MI Building Code 2015. The items noted are the basic requirements needed. Some items may not be required for your project and others may need to be added. The Statement of Special Inspections shall be prepared by and shall bear the seal and signature of the design professional in responsible charge. 1704.3.1 Your Statement of Special Inspections shall cover the testing requirements for your specific project. Please refer to Chapter 17 of the MI Building Code for additional requirements.

You will also need to provide the location of the project and the name of the agency that will be completing the testing and providing the written reports. The approved agency will need to submit the special inspector qualification report through written documentation demonstrating the competence and relevant experience or training of the special inspector.

The content of the Statement of Special Inspections shall be per Sec. 1704.3.1 and shall identify the following:

- 1. The materials, systems, components and work required to have special inspections or tests by the building official or the registered design professional, responsible for each portion of the work.**
- 2. The type and extent of each special inspection.**
- 3. The type and extent of each test.**
- 4. Additional requirements for special inspections or tests for seismic or wind resistance, as specific in 1705.11, 1705.12 and 1705.13 (Wind Bracing)**
- 5. Identify whether the inspections will be continuous inspections, periodic inspections or in accordance with the referenced standard, where the inspections are defined.**

The Statement of Special Inspections shall be prepared by and shall bear the seal and signature of the design professional in responsible charge. Sec. 1704.3

If you have any further questions do not hesitate to contact us at:

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