



# Final Report of Special Inspections

Development Services Department  
 1200 East Broad Street  
 Mansfield, Texas 76063

**To Be Completed By Engineer /Architect Responsible for the Special Inspection**  
 Attach to this form all special inspection reports and inspector(s) qualifications

**PROJECT ADDRESS:** \_\_\_\_\_ **PROJECT NAME:** \_\_\_\_\_

**REGISTERED DESIGN PROFESSIONAL IN CHARGE NAME:** \_\_\_\_\_

**REGISTERED DESIGN PROFESSIONAL FIRM NAME:** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_ **PHONE:** \_\_\_\_\_

**Texas Registrant, (Seal, Sign and Date)**

I hereby affirm that I am familiar with the design of the above referenced project and have been designated by the Owner/Owner's Agent as the Engineer responsible for implementing the Special Inspections as required in Chapter 17, of the 2006 International Building Code. I have determined that the types of work checked below require special inspection and I have verified that the individual(s) or firm(s) that performed special inspections are qualified to do so. I also affirm that the special inspections have been made by an independent third-party individual or firm and they have not been made by the installing contractor(s).

(Seal)

Registrant: \_\_\_\_\_  
 (Printed Name)

\_\_\_\_\_  
 (Sign & Date)

**PLEASE CHECK THE PROPER RESPONSE FOR EACH TYPE OF SPECIAL INSPECTIONS ON THIS PROJECT:** This list may not be inclusive please include, as applicable, all other required Special Inspections by 2006 IBC Chapter 17 or the engineer of record

- |  |  |                          |
|--|--|--------------------------|
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Steel per Section 1704.3 and Table 1704.3  | Special Inspector: _____ |
|  | Structural Welding <input type="checkbox"/> Yes <input type="checkbox"/> No          | Special Inspector: _____ |
|  | High Strength Bolting <input type="checkbox"/> Yes <input type="checkbox"/> No       | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Concrete per Section 1704.4 & Table 1704.4   | Special Inspector: _____ |
|  | Bolts Installed In Concrete <input type="checkbox"/> Yes <input type="checkbox"/> No | Special Inspector: _____ |
|  | High Strength Bolting <input type="checkbox"/> Yes <input type="checkbox"/> No       | Special Inspector: _____ |
|  | Reinforcing Steel <input type="checkbox"/> Yes <input type="checkbox"/> No           | Special Inspector: _____ |
|  | Pre-Stressed Tendons <input type="checkbox"/> Yes <input type="checkbox"/> No        | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Masonry Construction per Section 1704.5  | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Soil Conditions per Section 1704.7& 1803   | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Pile Foundations per Section 1704.8, 1704.9 & 1807                                   | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Pier Foundations per Section 1704.8, 1704.9 & 1807                                   | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Sprayed Fire-Resistive Materials per Section 1704.11                                 | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | EIFS per Section 1704.12   | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Smoke Control Systems per Section 1704.14  | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Firestop, Draftstop, and Fireblock Systems   | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Unconventional Wood Construction & Wood Framing                                      | Special Inspector: _____ |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Other _____  | Special Inspector: _____ |

Submit this form to:  
 J. Paul Coker, CBO, Building Official  
 Development Services Department, City of Mansfield, 1200 East Broad Street, Mansfield, Texas 76063



# Special Inspections Guidelines

In accordance with Chapter 17 of the 2006 adopted International Building Code (IBC), the owner, or the registered design professional in responsible charge acting as the owner's agent, is required to hire an independent testing/inspection agency to perform required special inspections.

The independent agency hired to perform the duties of special inspection shall be qualified and/or certified to perform the required inspection (see below minimum qualifications).

**Design Professional In Responsible Charge** (engineer, or architect) **shall:**

1. Include special inspection requirements and specifications on the plans,
2. Prepare the Statement of Special Inspections in accordance with IBC Section 1705 and identify Structural Testing for Seismic Resistance per IBC section 1708 (when required). The statement of special inspections shall also identify items fabricated on the premises as applicable.
3. Provide structural observation per IBC Section 1709.
4. Review the special inspection reports, provide corrective action for work that may not conform to the approved plans,
5. Complete and submit to the Building Official the "Final Report of Special Inspection" form for the project accompanied with supporting documentations (special inspectors names, qualifications and special inspection reports) before a Building Final or Certificate of Occupancy inspection will be made.

**Contractor shall:**

1. Notify the inspection agency in sufficient time for scheduling personnel to perform required inspections,
2. Provide to jurisdiction (city); approved plans and reasonable access to all work requiring special inspection,
3. The contractor is responsible for retaining at the job site all special inspection records submitted by the special inspector, and providing these records for review to the design professional in charge.

**Development Services Department:** Once the "Final Report of Special Inspection" is approved by the Building Official, the permitted work will be released for issuance of Certificate of Occupancy pending proper approval(s) of other project requirements.

**Special Inspector Minimum Qualifications:** Some of the minimum qualifications listed below are from the IAS Document AC291- Accreditation Criteria for IBC Special Inspection Agencies.

INSPECTION CATEGORY	MINIMUM QUALIFICATIONS
<b>Steel Frame</b>	Texas Licensed Professional Engineer with expertise in steel construction, or Current ICC Certified Structural Steel & Welding inspector, or Current AWS/AISC Certified Steel Structural Inspector
<b>Structural Welding</b>	Current ICC Certified Structural Steel & Welding inspector, or Current AWS/AISC Certified Steel Structural Inspector, or Current AWS Certified Welding Inspector
<b>High Strength Bolting</b>	Current ICC Certified Structural Steel & Welding inspector, or Current AWS/AISC Certified Steel Structural Inspector
<b>Reinforced Concrete</b>	Texas Licensed Professional Engineer, or Current Certification by ACI, or Current ICC Reinforced Concrete Special Inspector certification
<b>Pre-stressed Concrete</b> Pre-tension Tendons Post-tension Tendons	Texas Licensed Professional Engineer, or Current ACI certification, or Current ICC Pre-stressed Concrete Special Inspector certification Current PTI certification (for post-tension tendons only)
IBC Table 1704.4 Items 1&3-10	Texas Licensed Professional Engineer, or Current ICC Reinforced Concrete Special Inspector certification
IBC Table 1704.4 Item 2	Current ICC Structural Steel & Welding Inspector certification, or Current AWS/AISC Steel Structural Inspector certification, or Current AWS Certified Welding Inspector certification
<b>Masonry Construction</b>	Texas Licensed Professional Engineer, or Current ICC Structural Masonry certification
<b>Wood Construction</b>	Texas Licensed Professional Engineer
<b>Soil</b>	Texas Licensed Professional Engineer
<b>Pile Foundations</b>	Texas Licensed Professional Engineer
<b>Pier Foundations</b>	Texas Licensed Professional Engineer
<b>Sprayed Fire-Resistive Materials</b>	Current ICC Spray-Applied Fire Proofing certification Professional Engineer with expertise in fire protection engineering
<b>Smoke Control Systems</b>	Texas Licensed Professional Engineer with expertise in fire protection engineering, mechanical engineering and certification as air balancers. Current National Environmental Balancing Bureau certification Current Associated Air Balance Council Test and Balance Engineer certification
<b>Firestop &amp; Fire-Resistive Joint Systems</b>	All firestopping to be completed by a qualified installer,
<b>Draftstop and Fireblock Systems</b>	Texas Licensed Professional Engineer or Texas Licensed Architect
<b>Unconventional Wood Construction &amp; High-Load Diaphragms Wood Framing</b>	Texas Licensed Professional Engineer
<b>Other</b>	As approved by the Building Official on a case-by-case basis

ACI - American Concrete Institute  
ICC - International Code Council

AWS - American Welding Society  
PTI - Post-Tensioning Institute

AISC - American Institute of Steel Construction