



IDAHO FALLS

**Special Inspection
Requirements**

City of Idaho Falls
Building Division



Special Inspector Qualifications

The following certifications are required as part of the special inspection process and shall include current **ICC certification** as a special inspector for the discipline(s) for which he or she is requesting approval. Experience and appropriate equipment are also considered in determination of special inspector qualifications.

Inspection	Certification	Experience
Welding:	<u>ICC Structural Steel + Welding</u>	Min. 1 year with certification in this category. NDT (structural steel) ASNR-TC-1A guidelines & Certification per ASNT-TC-1A.
Concrete:	<u>ICC Reinforced Concrete</u>	Min. 1 year & certification by ACI (Grade I) for concrete.
Ductile Concrete:	<u>ICC Reinforced Concrete</u>	Min. 6 months + 3 years in Category 1 & certifications in this category.
Prestressed Concrete:	<u>ICC Prestressed Concrete</u>	Min. 1 year in category 1 (reinforced concrete), and ACI certification (Grade 1).
Structural Masonry:	<u>ICC Structural Masonry</u>	Min. 1 year or 6 months + All qualifications in Category 1 (reinforced concrete).
High Strength Bolt:	<u>ICC Structural Steel & Welding</u>	Min. 6 months.
Spray applied Fireproofing:	<u>ICC Spay Fireproofing</u>	Min. 6 months or 3 months + qualified in category 1 or 5.
Smoke Control:	<u>Section 1704.14. (2006 IBC)</u>	

Equipment/Lab facilities are required for:

- a. **Welding**
- b. **Concrete**
- c. **Fireproofing**
- d. **High Strength Bolting**



Special Inspection Agency Certification Criteria

The following certifications are required as part of the special inspection approval process. Experience and appropriate equipment are also considered in determination of special inspector qualifications. Professional engineers or architects licenses in itself are not accepted in lieu of recognized certification.

Inspection	Certification	Equip./Lab
Welding	<u>AWS/CWI</u> -allows visual inspection of field or fab shop welding and has authority to write WPS's, PQR's and welder certifications. Includes ICC Welding certification.	yes/no
Non-destructive Welding	<u>AWS/CWI Level I</u> -allows inspection of Ultra-sonic, magnetic particle, dye penetrant, Eddy current or x-ray requires certification in Each category. Level I must be supervised by A level II or III in each non-destructive category.	yes/no
Concrete	<u>ACI-Level 1</u> (field + laboratory)-allows sampling And testing on normal and light weight concrete only. Can perform slump, air-entrainment, Temperature, and casting and breaking of compressive strength specimens. <u>ACI-Level II</u> -allows inspection of concrete, reinforcing Steel, and embedded items. Must also have current ACI Level I.	yes/yes
Structural Concrete	<u>ICC Structural Concrete</u> -allows inspection of re-inforced concrete, reinforcing steel, embedded items In concrete and epoxy inspections.	no/no
Structural Masonry	<u>ICC Structural Masonry</u> -allows inspection of re-inforced masonry, reinforcing steel, embedded items in masonry and epoxy inspections.	no/no
Spray Applied Fire Proofing	<u>ICC Spray Fire Proofing</u> -allows inspection of fibrous and Fire film spray applied fire proofing.	yes/no
Prestressed Concrete	<u>ICC Prestressed Concrete</u> -allows inspection of prestressed Tendons, prestressed concrete cast-in-place or pre-cast yard.	no/yes
High Strength Bolting	<u>ICC Structural Steel + Welding</u> -allows inspection of slip Critical, brg. Type and snug tight connections.	yes/no



Special Inspection and Testing Agreement
 City of Idaho Falls
 Building Department

To permit applicants of projects requiring special inspection and/or testing per Section 1704 of the International Building Code (IBC):

Project Name: _____

Address: _____ Building Permit No: _____

Requirements: each special inspector shall be approved by the building department prior to performing any duties. Each special inspector shall submit his/her qualifications to the building department and is subject to a personal interview for prequalification. Special inspectors shall display approved identifications, as stipulated by the building department, when performing the function of a special inspector. **General contractor is responsible for notifying the special inspection agency regarding inspection items listed & to retain inspection records.**

Areas of special Inspection: areas marked below shall have special inspections.

- Soils Investigation Section 1705.6 _____
- Concrete Section 1705.3 _____
- Bolts installed in concrete Table 1705.3 _____
- Prestressed Concrete Table 1705.3 _____
- Reinf. Stl. & prestressing steel Table 1705.3 (#1) _____
- Welding Section 1705.2.2.1 _____
- High Strength Bolting Section 1705.2.1 _____
- Structural masonry Section 1705.4 _____
- Structural Steel Section 1705.2.1 _____
- Spray applied fire-proofing Section 1705.13 _____
- Piling, drilled piers & caissons Section 1704.8 _____
- Shot Crete Table 1705.3 (#7) _____
- Steel Storage Racking Section 1705.11.7 _____
- Smoke Control Section 1705.17 _____
- EIFS Section 1705.15 _____

Acknowledgments

I have read and agree to comply with the terms & conditions of this agreement:

Owner: _____ By: _____ Date: _____

Contractor: _____ By: _____ Date: _____

Special Inp. Agency: _____ By: _____ Date: _____

Project Arch./Eng: _____ By: _____ Date: _____

ACCEPTED FOR BUILDING DEPARTMENT

By: _____ Date: _____



Special Inspection Agency List

Material Testing & Inspection *

1230 N. Skyline Drive, Suite C
(208) 529-8242
Idaho Falls, ID 83402

Strata Inc. *

4460 Kings Way No. 3
(208) 237-3400
Chubbuck, ID 83202

Forsgren Associates *

350 North 2nd East
(208) 356-9201
Rexburg, Idaho 83440

Kleinfelder, Inc.*

10221 W. Emerald, Ste. 180
(208) 376-9700
Boise, ID 83704

Terracon Consulting*

11849 W. Executive Dr.
(208) 323-9520
Boise, Idaho

Eagle Rock Engineering^{1,2,8}

1331 Fremont Ave.
(208) 542-2665
Idaho Falls, ID. 83402

Footnotes:

*** Certified in all categories**

1 Concrete

2 Welding

3 Structural Concrete

4 Structural Masonry

5 Fire Proofing

6 Prestressed Concrete

7 High Strength Bolting

8 Soils