



# SAN RAFAEL

THE CITY WITH A MISSION

## COMMUNITY DEVELOPMENT DEPARTMENT - BUILDING DIVISION

1400 Fifth Avenue, San Rafael, CA 94901

TEL. (415) 485-3367; FAX (415) 485-3184

### SPECIAL INSPECTION AGENCY RECOGNITION LIST

Key: RC = Reinforced Concrete      PC = Prestressed/Post-tensioned Concrete  
 SM = Structural Masonry      SS = Structural Steel Welding/Bolting  
 FP = Spray-Applied Fireproofing

Agency Name	nHQ Address	Phone/FAX	RC	PC	SM	SS*	FP
Achievement Engineering Corp	2455 Autumnvale Drive Suite E San Jose, CA 95131	408-217-9174 408-217-9632	X	X	X	X	X
Applied Materials Engineering	980 41 <sup>st</sup> Street Oakland, CA 94608	510-420-8190 510-420-8186	X	X	X	X	X
B.S.K. Associates	1181 Quarry Lane, #300 Pleasanton, CA 94566	510-462-4000 510-462-6283	X	X	X	X	X
CTE CAL	46716 Fremont Blvd. Fremont, CA 94538	510-573-6362 510-573-6684	X	X	X	X	X
Construction Test Services	2118 Rheem Drive Pleasanton, CA 94588	925-462-515 925-462-5183	X	X	X	X	X
Geissler Engineering	The Russ Building, Suite 101 235 Montgomery St., SF, CA 94104	415-992-9393	X	X			
Inspection Consultants, Inc.	1515 North C Street Sacramento, CA 95814	916-321-5580 916- 321-5590	X	X	X	X	X
Krazan and Associates, Inc.	215 West Dakota Avenue Clovis, CA 93612	559-348-2200 559-348-2201	X	X	X	X	X
Neil O. Anderson and Associates	902 Industrial Way Lodi, CA 95240	209-367-3701 209-333-8303	X	X	X	X	X
Norcon LLC	1661 Tennessee Street #201 San Francisco, CA 94107	510-494-4415	X	X	X	X	X
PJC & Associates, Inc	600 Martin Avenue, Ste 200 Rohnert Park, CA 94928	707-584-4804 707-584-4811	X	X	X	X	
RMA Group	257 Wright Brothers Ave. Livermore, CA 94551	925-243-6662 925-243-6663	X	X	X	X	X
Salem Engineering Group, Inc.	4729 West Jacquelyn Ave Fresno, CA 93722	559-271-9700 559-275-0827	X	X	X	X	X
Signet Testing Laboratories	3121 Diablo Ave. Hayward, CA 94545	510-887-8484 510-783-4295	X	X	X	X	X
Smith-Emery Company	P. O. Box 880550 1940 Oakdale Ave San Francisco, CA 94124	415-642-7326 415-330-3030	X	X	X	X	X
Testing Engineers Inc.	2811 Teagarden St San Leandro, CA 94577	510-835-3142 510-834-3777	X	X	X	X	X

\*Agencies have not been evaluated for nondestructive testing.

Agencies have not been evaluated for geotechnical special inspection. Agencies may have offices in more than one location.

Other agencies may also be qualified; the building official has the ultimate responsibility for approval. (Updated 1/10/2017)



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## SPECIAL INSPECTION AND TESTING AGREEMENT

Applicable to projects requiring special inspection and/or testing per Section 1701 of the California Building Code

Project Name/Address: \_\_\_\_\_

Building Permit No: \_\_\_\_\_

**BEFORE A PERMIT CAN BE ISSUED:** The owner, or the engineer or architect of record acting as the owner's agent, shall complete two (2) copies of this agreement and the attached structural tests and inspections schedule including the required acknowledgements. A preconstruction conference with the parties involved may be required to review the special inspection requirements and procedures.

**APPROVAL OF SPECIAL INSPECTORS:** 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 identification, as stipulated by the building department, when performing the function of a special inspector.

Special inspection and testing shall meet the minimum requirements of CBC section 1701. The following conditions are also applicable:

### A. Duties and Responsibilities of the Special Inspector

#### 1. Observe work

The special inspector shall observe the work for conformance with the building department approved (stamped) design drawings and specifications and applicable workmanship provisions of the CBC. Architect/engineer-reviewed shop drawings and/or placing drawings may be used only as an aid to inspection.

Special inspections are to be performed on a continuous basis, meaning that the special inspector is on site in the general area at all times observing the work requiring special inspection. Periodic inspections, if any, must have prior approval by the building department based on a separate written plan reviewed and approved by the building department and the project engineer or architect.

#### 2. Report nonconforming items

The special inspector shall bring nonconforming items to the immediate attention of the contractor and note all such items in the daily report. If any item is not resolved in a timely manner or is about to be incorporated in the work, the special inspector shall immediately notify the building department by telephone or in person, notify the engineer or architect, and post a discrepancy notice.

#### 3. Furnish daily reports

On request, each special inspector shall complete and sign both the special inspection record and the daily report form for each day's inspections to remain at the jobsite with the contractor for review by the building department's inspector.

**4. Furnish weekly reports**

The special inspector or inspection agency shall furnish weekly reports of tests and inspections directly to the building department, project engineer or architect, and others as designated. These reports must include the following:

- a. Description of daily inspections and tests made with applicable locations;
- b. Listing of all nonconforming items;
- c. Report on how nonconforming items were resolved or unresolved as applicable; and
- d. Itemized changes authorized by the architect, engineer and building department if not included in nonconformance items.

**5. Furnish final report**

The special inspector or inspection agency shall submit a final signed report to the building department stating that all items requiring special inspection and testing were fulfilled and reported and, to the best of his/her knowledge, in conformance with the approved design drawings, specifications, approved change orders and the applicable workmanship provisions of the C.B.C. Items not in conformance, unresolved items or any discrepancies in inspection coverage (i.e., missing inspections, periodic inspections when continuous was required, etc.) shall be specifically itemized in this report.

**B. Contractor Responsibilities**

**1. Notify the special inspector**

The contractor is responsible for notifying the special inspector or agency regarding individual inspections of items listed on the attached schedule *and* as noted on the building department approval plan. Adequate notice shall be provided so that the special inspector has time to become familiar with the project.

**2. Provide access to approved plans**

The contractor is responsible for providing the special inspector access to approved plans at the jobsite.

**3. Retain special inspection records**

The contractor is also responsible for retaining at the jobsite all special inspection records submitted by the special inspector, and providing these records for review by the building department's inspector upon request.

**C. Building Department Responsibilities**

**1. Approve special inspection**

The building department shall approve all special inspectors and special inspection requirements.

**2. Monitor special inspections**

Work requiring special inspection and the performance of special inspectors shall be monitored by the building department's inspector. His/her approval must be obtained prior to placement of concrete or other similar activities in addition to that of the special inspector.

**3. Issue Certificate of Occupancy**

The building department may issue a Certificate of Occupancy after all special inspection reports and the final report have been submitted and accepted. **FINAL SIGN-OFF WILL NOT BE GIVEN UNTIL ALL FINAL INSPECTION LETTERS ARE RECEIVED.**

**ACKNOWLEDGEMENTS**

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

Owner: \_\_\_\_\_ By: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ By: \_\_\_\_\_ Date: \_\_\_\_\_

Special Inspector  
or Inspection Agency: \_\_\_\_\_ By: \_\_\_\_\_ Date: \_\_\_\_\_

Project Engineer/  
Architect: \_\_\_\_\_ By: \_\_\_\_\_ Date: \_\_\_\_\_

ACCEPTED FOR THE BUILDING DEPARTMENT

By: \_\_\_\_\_

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



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## SPECIAL INSPECTION AND TESTING SCHEDULE

PROJECT NAME

BUILDING PERMIT NO.

PROJECT ADDRESS

TESTING/INSPECTION AGENCY or SPECIAL INSPECTOR

### REINFORCED CONCRETE, GUNITE, GROUT AND MORTAR:

Concrete	Gunite	Grout	Mortar	
				Aggregate Tests
				Reinforcing Tests
				Mix Designs
				Reinforcing Placement
				Batch Plant Inspection
				Inspect Placing
				Cast Samples
				Pick-up Samples
				Compression Tests

### PRECAST/PRESTRESSED CONCRETE:

Piles	Post-Tens	Pre-tens	Cladding	
				Aggregate Tests
				Reinforcing Tests
				Tendon Tests
				Mix Designs
				Reinforcing Placement
				Insert Placement
				Concrete Batching
				Concrete Placement
				Installation Inspection
				Cast Samples
				Pick-up Samples
				Compression Tests

### MASONRY:

- Special Inspection Stresses Used
- Preliminary Acceptance Tests (Masonry Units, Wall Prisms)
- Subsequent Tests (Mortar, Grout, Field Wall Prisms)
- Placement Inspection of Units

### ADDITIONAL INSTRUCTIONS OR OTHER TESTS AND INSPECTIONS:

- Epoxy Set Bolts
- Other: \_\_\_\_\_

### STRUCTURAL STEEL/WELDING:

- Sample and Test (list specific members below)
- Shop Material Identification
- Welding Inspection  Shop  Field
- Ultrasonic Inspection  Shop  Field
- High-strength Bolting Inspection  Shop  Field
- A325  N  X  F
- A490  N  X  F
- Metal Deck Welding Inspection
- Reinforcing Steel Welding Inspection
- Metal Stud Welding Inspection
- Concrete Insert Welding Inspection

### FIREPROOFING:

- Placement Inspection
- Density Tests
- Thickness Tests
- Inspect Batching

### INSULATING CONCRETE:

- Sample and Test
- Placement Inspection
- Unit Weights

### FILL MATERIAL:

- Acceptance Tests
- Placement Inspection
- Field Density

### STRUCTURAL WOOD:

- Shear Wall Nailing Inspection
- Inspection of Glu-lam Fab
- Inspection of Truss Joist Fab
- Sample and Test Components