



CITY OF SAN JUAN BAUTISTA

P.O. Box 1420, 311 Second Street
San Juan Bautista, Ca 95045

BUILDING DEPARTMENT

Phone: (831) 623-4661
Fax: (831) 623-4093

SPECIAL INSPECTION AND TESTING FORM

Applicant: _____ Phone: _____

Project location: _____

Building Permit Number: _____

To owner of projects requiring Special Inspection or Testing per CBS Section 1701.5, please acknowledge and return to the Building Department.

BEFORE A PERMIT CAN BE ISSUED: The owner or his/her representative, on the advice of the responsible Project Engineer or Architect, shall complete, sign, and submit the attached "Structural Tests and Inspection Schedule" to the Building Department for review and approval.

The owner and his general contractor, where applicable, shall also acknowledge the following requirements applicable to Special Inspections and/or Testing:

1. The contractor is responsible for proper notification to the Inspection or Testing Agency for items listed.
2. The testing laboratory is the only one that should take samples and transport them to its laboratory.
3. Automatic copies of all Testing Agency reports are to go directly to the City.
4. The Inspection Agency is to submit the names of on-site Special Inspectors to the Building Department and provide copies of certification at the job site.
5. Special inspectors shall provide reports to the Building Department as provided for in the CBC Section 1701.3.
6. BEFORE ANY OCCUPANCY PERMIT CAN BE ISSUED: the Inspection Agency shall submit a statement that all items requiring testing and special inspection were fulfilled and reported. Those items shall be noted in this statement.

ACKNOWLEDGEMENT

Owner: _____ Plan Checker: _____

Contractor: _____ Bill Magill, Building Inspector: _____

Project Engineer or Architect (print): _____ Phone: _____

Inspection Testing Agency Representative (Print): _____ Phone: _____

Project Engineer or Architect (signature): _____

Inspection/Testing Agency Representative (Signature): _____

Note: All information must be complete and legible for the form to be accepted by the Building Department prior to permit issuance.

STRUCTURAL TESTS AND INSPECTION SCHEDULE

(See Appendix A on the following page for requirements of Uniform Building Code, Section 306(a))

Prior to issuance of a Building Permit, the owner, on the advice of the Architect or Engineer, shall complete, sign, and submit this form to the Building Inspector.

Project Name: _____ Date: _____

Project Location: _____

Testing /Inspection Agency: _____

Owner's Name: _____ Signature/Title: _____

I hereby testify that the Testing/Inspection Agency named above has been engaged to perform the structural tests and inspection during construction, as checked below, to satisfy all applicable portions of the Building Code.

Prior to issuance of an occupancy permit, the Inspection Agency shall submit a statement that all items of designated work performed were reported. Any items checked but not tested or inspected will be noted and explained.

Whenever any designated items on this list are ready for sampling, testing, or inspection, it shall be the responsibility of the contractor to give timely notice to the inspection agency so the required services may be performed.

Structural Steel:

- ___ Tensile and Bend
- ___ Inspection of Placement
- ___ Inspection of Welding

Masonry:

- ___ Preliminary Acceptance Tests
(Masonry Units, Wall Permits)
- ___ Subsequent Tests
(Mortar, Grout, Field Wall Prisms)
- ___ Inspection of Grouting
- ___ Inspection of Placement of Grouting

Precast Concrete:

- ___ Reinforcing Testing
- ___ Inspection of Reinforcing Placement
- ___ Tendon Tests
- ___ Inspection of Tendon Placement
- ___ Inspection of Concrete Placement
- ___ Inspection of Concrete Batching
- ___ Inspection of Panel Attachment
- ___ Inspection of Panel Installation
- ___ Compression Tests
- ___ Inspection of Stressing/Transfer

Piling, Caissons, Caps, Ties:

- ___ Inspection of Reinforcing Placement
- ___ Inspection of Concrete Placement
- ___ Inspection of Concrete Batching

Underpinning:

- ___ Inspection of Steel Fabrication
- ___ Inspection of Reinforcing and Forms
- ___ Inspection of Concrete Placement
- ___ Inspection of Tiebacks

Structural Steel:

- ___ Sample and Test (list specific members below)
- ___ Shop ident. And Welding Inspection
- ___ Shop Ultrasonic Inspection
- ___ Shop Radiography
- ___ Field Welding Inspection
- ___ Field Bolting Inspection
- ___ Field Ultrasonic Inspection
- ___ Filed Radiography
- ___ Metal Deck Welding Inspection

Insulating Concrete:

- ___ Sample and Test
- ___ Unit Weights

Appendix A

All of the tests and inspections listed on the STRUCTURAL TESTS AND INSPECTIONS SCHEDULE will be called for at one time or another in the plans and specifications submitted to the Building Department. Seldom will one project require all of the Tests and Inspections shown. The listed items fall into one of the following categories:

1. Required by Plans and Specifications as deemed necessary by the Architect/Engineer for the integrity and successful performance of his/her project.
2. Required by specific reference in 1998 California Building Code, and the Uniform Building Code Standards (STDS).

The following lists the Building Code references which bear on each of the Tests and Inspections in the structural Test and Inspections Schedule. Where no Building Code Section is cited, the Tests or Inspection is optional at the discretion of the Architect/Engineer.

Structural Steel:

Tensile and Bend: 2603 (b), (f), (i), STDS 26.405, 26.406
Inspection of Placement: 306 (a)3
Inspection of Welding: 306(a)4

Masonry:

Preliminary Acceptance Tests (Masonry Units, Wall Permits): 2404(c)1, 2404(c)2-A-B-C-D
Subsequent Tests (Mortar, Grout, Field Wall Prisms): 2404(c)2, 2403(r)3, 2404(s)3
Inspection of Grouting: 2413(d)3 and B, 2415(c)
Inspection of Placement and Grouting: 306(a)6, Tables 24-B, 24-H, 24-J, 24-K

Precast Concrete:

Reinforcing Testing (see reinforcing steel)
Inspection of Reinforcing Placement: 306(a)3
Tendon Tests STDS 26-7, 2612(m)
Inspection of Tendon Placement 306 (a)3
Inspection of Concrete Placement: 306(s)1
Inspection of Concrete Batching: STDS 25.1310
Inspection of Panel Attachment and Inserts: 306(s)3
Inspection of Panel Installation: 306(a)1
Compression Tests: 2604(d)
Inspection of Stressing Transfer: 306(a)3

Piling, Caissons, Caps, Ties:

Inspection of Reinforcing Placement: 306(a)3
Inspection of Concrete Placement: 306(a)t
Inspection of Concrete Batching: STDS 26.1310

Underpinning:

Inspection of Steel Fabrication: 306(a)4
Inspection of Reinforcing and Forms: 306(a)3
Inspection of Concrete Placement: 306(a)1
Inspection of Tiebacks

Structural Steel:

Sample and Test (list specific members below)
Shop ident. And Welding Inspection: 306(a)4, 2701(b)
Shop Ultrasonic Inspection: STDS 27-6
Shop Radiography: STDS 27-6
Field Welding Inspection: 306(a)4, STDS 27-6
Field Bolting Inspection: STDS 27.206, 306(a)5
Field Ultrasonic Inspection: STDS 27-6, 2722(f)
Field Radiography:
Metal Deck Welding Inspection: 306(a)4

Insulating Concrete:

Sample and Test
Unit Weight

Asphaltic Concrete:

___ Mix Designs
___ Inspection of Batch Plant
___ Core/Test
___ Field Inspection
___ Suitability Tests
 ___ Specific Gravity
 ___ Asphalt Concrete
 ___ Sieve Analysis
 ___ K Factors
 ___ Stabilometer Value
 ___ Swell

Fire Proofing:

Inspection of Placement
 Density tests
 Thickness Test
 Inspect Batching

Fill Material:

Acceptance Tests
 Moisture Density Determination
 Field Density

Roofing:

Inspection of Placement
 Sample and Test

Structural Wood:

Inspection of Fabrication: STDS 25-10
 Inspection of Truss Joist Fabrication
 Sample and Test Components: 2505, STDS
 25.1003, 25.1010
 Inspection of Glu-Jam Fabrication

Concrete, Gunite, Grout, and Mortar:

Concrete	Gunite	Grout	Mortar	
2503(b)(d)	See Concr.	STDS 24-23	STDS 24.22	Agg. Tests for Design
2503(d)	See Concr.	STDS 24-23	STDS 24.22	Suitability of Agg.
2604(c)2	See Concr.			Mix Designs
				Test Panels
26.1310	See Concr.			Batch Plant Inspection
				Cement Grab Sample
306(a)1	See Concr.	See Mason.	See Mason.	Inspect Placing
2604(d)	See Concr.	24.2201	STDS 24.2105	Compression Tests
			STDS 24.2202	Cast Specimens
				Pick-Up samples
				Shrinkage Bars
				Yield Check
				Air Check
				Dry-Unit Weight