



# SPECIAL INSPECTION AND TESTING FORM

THESE REQUIREMENTS ARE FOR PERMITS ISSUED ON OR AFTER JANUARY 1, 2023

Project Name	Building Permit No.	Date
Project Address	Testing/Inspection Agency or Special Inspector	

REINF. CONCRETE, GUNITE, GROUT & MORTAR:				
Concrete	Gunitite	Grout	Mortar	
				Material Tests
				Mix Designs
				Reinf. Placement
				Batch Plant Insp.
				Inspect Placement
				Cast Samples
				Maintain Curing
				Fabricate Specimens
				Anchors Cast in place
				Re-Bar Welding Insp.
				Mech. Anchors

PRECAST/PRESTRESSED CONCRETE:				
Piles	Post-Ten	Pre-Ten	Clad.	
				Tendon Tests
				Pre-stressing Forces
				Mix Designs
				Reinf. Placement
				Invert Placement
				Concrete Forms
				Concrete Placement
				Installation Insp.
				Cast Samples
				Inspect Erection
				Stressing Insp.

## MASONRY:

In accordance with the quality assurance program requirements of TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6

## WE HAVE READ THE REQUIREMENTS ON PAGE 2 ACKNOWLEDGEMENTS:

Owner: \_\_\_\_\_  
General Contractor: \_\_\_\_\_  
Project Engineer/Architect: \_\_\_\_\_  
Inspection Agency: \_\_\_\_\_  
Chief Building Official: \_\_\_\_\_

## STRUCTURAL STEEL/WELDING:

\_\_\_\_\_ Shop Material Identification  
\_\_\_\_\_ Open-web Steel Joists and Girders  
\_\_\_\_\_ Cold-formed Steel Trusses 60' or longer  
\_\_\_\_\_ Welding Inspection \_\_\_ Shop \_\_\_ Field  
\_\_\_\_\_ Ultrasonic Inspection \_\_\_ Shop \_\_\_ Field  
\_\_\_\_\_ High Strength Bolting  
\_\_\_\_\_ Types: \_\_\_ N \_\_\_ X \_\_\_ F \_\_\_ Shop \_\_\_ Field  
\_\_\_\_\_ Metal Deck Welding Inspection

## FIREPROOFING:

\_\_\_\_\_ Spray Applied Materials  
\_\_\_\_\_ Mastic and Intumescent Coatings  
\_\_\_\_\_ Penetrations and Joints

## FILL MATERIAL:

\_\_\_\_\_ Placement Inspection  
\_\_\_\_\_ Field Density  
\_\_\_\_\_ Inspection of Pad and Trenches by Soils Engineer  
\_\_\_\_\_ Bearing Capacity  
\_\_\_\_\_ Compaction Report or Pad Certification

## STRUCTURAL WOOD:

\_\_\_\_\_ Metal Plate-connected trusses >60" tall or >60' long  
\_\_\_\_\_ High-load Diaphragms

## DRIVEN DEEP FOUNDATIONS:

\_\_\_\_\_ Verify Element Materials, Sizes and Lengths  
\_\_\_\_\_ Determine Capacity of Test Elements  
\_\_\_\_\_ Inspect Driving Operations  
\_\_\_\_\_ Verify Placement Locations, Plumbness, Etc.  
\_\_\_\_\_ For Steel Elements, See CBC 1705.2.  
\_\_\_\_\_ For Specialty Elements, See Professional Engineer  
\_\_\_\_\_ For Concrete Elements, See CBC 1705.3.

## CAST-IN-PLACE DEEP FOUNDATIONS:

\_\_\_\_\_ Inspect Drilling Operations  
\_\_\_\_\_ Verify Placement Location, Plumbness, Etc.  
\_\_\_\_\_ For Concrete Elements, See CBC 1705.3

## HELICAL PILES

\_\_\_\_\_ Installation of Helical Piles.

# SPECIAL INSPECTION FORM (PAGE 2)

## WIND RESISTANCE

- ☐ Structural Wood
- ☐ Cold-Formed Steel Light Frame Construction
- ☐ Wind-Resisting Components

## SEISMIC RESISTANCE

- ☐ Structural Steel
- ☐ Structural Wood
- ☐ Cold-Formed Steel Light-Frame Construction
- ☐ Designated Seismic Systems
- ☐ Architectural Components
- ☐ Plumbing, Mechanical, and Electrical Components
- ☐ Storage Racks
- ☐ Seismic Isolation Systems
- ☐ Cold-Formed Steel Special Bolted Moment Frames
- ☐ Structural Observation

## EXTERIOR INSULATION AND FINISH SYSTEMS

## TESTING FOR SMOKE CONTROL

## OTHER

- ☐ Anchors – Epoxy Application
- ☐ Fabricated Items - ICC Research Report Special Inspections (Epoxy, Titen, etc.)

## SPECIAL INSPECTION REQUIREMENTS:

1. The persons above do hereby certify that the Testing / Inspection Agency named above has been engaged to perform structural tests and inspection during construction to satisfy all applicable portions of the Building Codes.
2. These special inspections and tests are in addition to the inspections by the City of Sunnyvale Building Division. Structural Observations, if required, shall be provided per provisions of CBC Section 1704.6.
3. Each special inspection agency shall meet the qualification guidelines set-forth by *The Joint Special Inspection Review Committee*, CBC section 1704.2.1, and the latest adopted ASTM E329 standard. Each special inspection agency shall be on the City of Sunnyvale's "Recognized Special Inspection and Testing Agencies" approved list.
4. Special inspectors shall have identification when performing the function of a special inspector and shall be presented to the building inspector upon request. Inspectors performing reinforced concrete, structural steel and welding, structural masonry, and other specialized inspections shall have the appropriate ICC, AWS, or ACI certifications.
5. **BEFORE A CERTIFICATE OF OCCUPANCY/BUILDING FINAL IS ISSUED:** The special inspector, special inspection agency, the Engineer-of-Record, and/or the Soils Engineer, as may be applicable, shall submit final signed reports to the building inspector.
6. Any items checked above, but not tested or inspected shall be noted and explained in a letter addressed to the City of Sunnyvale Building Division.
7. Any structural observations, if required by the engineer-of-record, shall be so documented, and a final report shall be submitted to the building official.
8. Whenever 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, the Engineer-of-record, or the Soils Engineer, so that the required services may be performed.
9. Only an approved Testing Agency shall sample, transport and test materials. Only an approved Special Inspection Agency shall provide special inspectors.