



SPECIAL INSPECTION AND TESTING

To applicants of projects requiring Special Inspection or Testing per Chapter 17 of the California Building Code.

BEFORE A PERMIT CAN BE ISSUED: The owner/tenant or their representative, on the advice of the responsible Project Engineer or Architect, shall complete, sign and submit copy of this form to the Building Division for review and approval.

**** F-3 SUBMITTED WITHOUT THE REQUIRED DOCUMENTS LISTED BELOW
UNDER #6 OF THIS CHECKLIST WILL BE REJECTED AS AN INCOMPLETE SUBMITTAL ****

INSPECTION AND TESTING AGENCIES MUST SUBMIT FOLLOWING DOCUMENTS FOR REVIEW AND APPROVAL:

#	Descriptions
1	Cover Page with Agency Name, Location(s), Website Address and Phone Number
2	Brief description of the agency including background information related to type of services offered, years in business, major projects and areas served.
3	Name and resumes of registered professional engineer(s) responsible for inspection and testing activities evidencing experience criteria as per ASTM E329-02, paragraph 7.2.1: "...the person shall be a registered engineer and a full-time employee of that agency. The person shall have at least five years engineering experience in testing and inspection of construction materials." *Please note that resumes must be very specific in showing a minimum of five-year experiences in testing and inspection. Resumes shall identify dates and experience specific to testing and inspection.
4	A copy of the regional testing laboratory's latest Cement and Concrete Reference Laboratory (CCRL) Inspection Record (if applicable) including deficiencies and explanations with evidence of how deficiencies have been addressed. A copy of the firm's International Accreditation Service (IAS) laboratory accreditation may be submitted in lieu of the CCRL report. For agencies with no laboratory testing facility, the agency must: a. Provide evidence that the agency has the necessary equipment to perform field tests required during the sampling of fresh concrete (i.e., slump, temperature, unit weight, air entrainment) b. Provide list of qualified agencies performing laboratory testing on your behalf, outlining their scope of service, and including copies of subcontracts/agreements evidencing your arrangements with those firms. Any financial arrangements shall be blacked out prior to submittal.
5	An organizational chart that clearly demonstrates the relationship between the responsible engineer, supervisory personnel and testing/inspection personnel.
6	For inspector to be considered as a special inspector for a special inspection category, the inspector must meet appropriate experiences and Certifications summarized in Exhibit A . Submit Inspector Qualification Matrix and Resume for inspector(s) who are performing field inspections for this project to Building Division for review and approval (see Exhibit B-1 and Exhibit B-2 for sample matrices).
7	Copies of following documents in alphabetical order for each inspector who are performing field inspection: 1. Front and back of valid photo ID card; and 2. Certifications/Qualifications

*Items 1 through 4 are not required for recognized agencies listed in **Exhibit C - Recognized Special Inspection & Testing Agencies**, unless there are changes in Items 1 through 4 documents that are subject to Building Division's review and approval.

For agencies that are wish to be listed in **Exhibit C**, please email Items #1 through 4 to the City of San Pablo Building Department and/or Chief Building Official:

Building Department building@sanpabloca.gov (510) 215-3030

Sergio Caldera | Chief Building Official SergioC@sanpabloca.gov (510) 215-3039

The owner/tenant and their general contractor, where applicable, shall also acknowledge the following conditions applicable to Special Inspection and/or Testing:

1. Contractor's Responsibilities:

- a. It is the responsibility of the contractor to review the Building Division approved plans for additional inspection and/or testing requirements that may be needed. A pre-construction conference at the job site is recommended to review special inspection procedures.
- b. A copy of special inspection report is required on job site for the inspection.
- c. Proper notification to the Inspection or Testing agency for required special inspection items on this form.
- d. Maintaining record of all special inspection report and laboratory reports by type and performed date in a binder at the job site that is readily accessible during the inspection.

2. Special Inspection and Testing Agencies Responsibilities:

- a. The special inspector shall use Building Division approved drawings.
- b. Submitting copies of the special inspections and laboratory testing to the Building Division on a weekly basis.
- c. The special inspector is responsible to the Chief Building Official for immediate notification of any concerns and/or problems encountered.
- d. Only the testing laboratory should take samples and transport them to their laboratory.

BEFORE OCCUPANCY PERMIT CAN BE ISSUED: Final affidavit report signed, stamped, and dated by the responsible engineer that all items requiring special inspections and testing were fulfilled and reported per 2022 California Building Code Section 1705. Those items not tested and/or inspected shall be noted in this report and a copy of the report must be at the job site for Building Inspector's review prior to the final inspections. The Final affidavit must be submitted to the City of San Pablo.

Upload documents here: <https://www.dropbox.com/request/a2EC32K8WIIFKxsHNChv>

ACKNOWLEDGEMENT

Owner/Tenant Print

Signature

Date

Special Inspection Agency Print

Signature

Date

Contractor Print

Signature

Date

Project Engineer/Architect Print

Signature

Date

Building Official Name and Title

Signature

Date

REQUIRED SPECIAL INSPECTIONS AND TESTS

Section	REQ	Code	Description ([O] only applies to OSHPD 1R, 2 & 5)
Special cases	<input type="checkbox"/>	1705.1.1	
	<input type="checkbox"/>	1705.1.1	
Steel construction	<input type="checkbox"/>	1705.2.1	Structural steel
	<input type="checkbox"/>	1705.2.2	Cold-formed steel deck
	<input type="checkbox"/>	1705.2.3	Open-web steel joists and joist girders
	<input type="checkbox"/>	1705.2.3.1	Steel joist and joist girder inspection [O]
	<input type="checkbox"/>	1705.2.4	Cold-formed steel trusses spanning 60 feet or greater
	<input type="checkbox"/>	1705.2.4.1	Light-framed steel truss inspection and testing [O]
	<input type="checkbox"/>	1705.2.5	Inspection and tests of structural welding [O]
Concrete construction	<input type="checkbox"/>	1705.2.6	Special inspection and tests of high-strength fastener assemblies [O]
	<input type="checkbox"/>	1705.3	In accordance per Table 1705.3
	<input type="checkbox"/>	1705.3.1	Welding of reinforcing bars
	<input type="checkbox"/>	1705.3.2	Material tests
	<input type="checkbox"/>	1705.3.3	Batch plant inspection [O]
	<input type="checkbox"/>	1705.3.3.1	Waiver of continuous batch plant inspection [O]
	<input type="checkbox"/>	1705.3.4	Inspection and testing of prestressed concrete [O]
	<input type="checkbox"/>	1705.3.5	Concrete pre-placement inspection [O]
	<input type="checkbox"/>	1705.3.6	Placing record [O]
	<input type="checkbox"/>	1705.3.7	Composite construction cores [O]
	<input type="checkbox"/>	1705.3.8	Special inspections and tests for post-installed anchors in concrete [O]
Masonry construction	<input type="checkbox"/>	1705.3.9	Shotcrete [O]
	<input type="checkbox"/>	1705.4	Masonry construction
	<input type="checkbox"/>	1705.4.1	Glass unit masonry and masonry veneer in Risk Category IV
	<input type="checkbox"/>	1705.4.1	Glass unit masonry and masonry veneer in Risk Category II, III or IV [O]
Wood construction	<input type="checkbox"/>	1705.4.2	Vertical masonry foundation elements
	<input type="checkbox"/>	1705.5	Wood construction
	<input type="checkbox"/>	1705.5.1	High-load diaphragms
	<input type="checkbox"/>	1705.5.2	Metal-plate-connected wood trusses spanning 60 feet or greater
	<input type="checkbox"/>	1705.5.3	Mass timber construction
	<input type="checkbox"/>	1705.5.4	Manufactured trusses and assemblies [O]
	<input type="checkbox"/>	1705.5.5	Structural glued laminated and cross-laminated timber [O]
	<input type="checkbox"/>	1705.5.5.6	Manufactured open web trusses [O]
	<input type="checkbox"/>	1705.5.5.7	Timber connectors [O]

REQUIRED SPECIAL INSPECTIONS AND TESTS (continued)

Section	REQ	Code	Description ([O] only applies to OSHPD 1R, 2 & 5)
Soils	<input type="checkbox"/>	1705.6	In accordance per Table 1705.6
	<input type="checkbox"/>	1705.6.1	Soil fill [O]
Driven deep Foundations	<input type="checkbox"/>	1705.7	In accordance per Table 1705.7
	<input type="checkbox"/>	1705.7.1	Driven deep foundations observation [O]
Cast-in-place deep foundations	<input type="checkbox"/>	1705.8	In accordance per Table 1705.8
Helical pile foundations	<input type="checkbox"/>	1705.9	Helical pile foundations
Deep foundation elements	<input type="checkbox"/>	1705.10	Structural integrity of deep foundation elements
Fabricated items	<input type="checkbox"/>	1705.11	Fabricated items
Special inspections for wind resistance	<input type="checkbox"/>	1705.12.1	Structural wood
	<input type="checkbox"/>	1705.12.2	Cold-formed steel light-frame construction
	<input type="checkbox"/>	1705.12.3	Wind-resisting components
Special inspections for seismic resistance	<input type="checkbox"/>	1705.13.1	Structural steel
	<input type="checkbox"/>	1705.13.2	Structural wood
	<input type="checkbox"/>	1705.13.3	Cold-formed steel light-frame construction
	<input type="checkbox"/>	1705.13.4	Designated seismic systems
	<input type="checkbox"/>	1705.13.5	Architectural components
	<input type="checkbox"/>	1705.13.6	Plumbing, mechanical and electrical components
	<input type="checkbox"/>	1705.13.7	Storage racks
	<input type="checkbox"/>	1705.13.8	Seismic isolation systems
	<input type="checkbox"/>	1705.13.9	Cold-formed steel special bolted monument frames
Testing for seismic resistance	<input type="checkbox"/>	1705.14.1	Structural steel
	<input type="checkbox"/>	1705.14.2	Nonstructural components
	<input type="checkbox"/>	1705.14.3	Designated seismic systems
	<input type="checkbox"/>	1705.14.4	Seismic isolation systems
Sprayed fire-resistant materials	<input type="checkbox"/>	1705.15.1	Physical and visual tests
	<input type="checkbox"/>	1705.15.2	Structural member surface conditions
	<input type="checkbox"/>	1705.15.3	Application
	<input type="checkbox"/>	1705.15.4	Thickness

REQUIRED SPECIAL INSPECTIONS AND TESTS (continued)

Section	REQ	Code	Description ([O] only applies to OSHPD 1R, 2 & 5)
Sprayed fire-resistant materials	<input type="checkbox"/>	1705.15.5	Density
	<input type="checkbox"/>	1705.15.6	Bond strength
Mastic and intumescent fire-resistant coatings	<input type="checkbox"/>	1705.16	Mastic and intumescent fire-resistant coatings
Exterior Insulation and finish systems (EIFS)	<input type="checkbox"/>	1705.17	Exterior insulation and finish systems (EIFS)
	<input type="checkbox"/>	1705.17.1	Water-resistive barrier coating
Fire-resistant penetrations and joints	<input type="checkbox"/>	1705.18.1	Penetration firestops
	<input type="checkbox"/>	1705.18.2	Fire-resistant joint systems
Testing for smoke controls	<input type="checkbox"/>	1705.19.1	Testing scope
	<input type="checkbox"/>	1705.19.2	Qualifications
Sealing of mass timber	<input type="checkbox"/>	1705.20	Sealing of mass timber

EXHIBIT A - Appropriate Experiences and Certification(s)

Below will be the criteria used during the field inspector review and approval process. Inspectors who do not have the necessary experience and certifications summarized below will not be considered for qualification.

Category	Certification (Only valid until the date of expiration)	Minimum Years of Experience
RC	Concrete Field Technician Grade 1 by ACI; and Reinforced Concrete by ICC	1 year.
PC	Concrete Field Technician Grade 1 by ACI; and Prestressed Concrete by ICC	6 months plus 3 years in Reinforced Concrete.
SM	Structural Masonry by ICC	1 year or 6 months plus 1 year in Reinforced Concrete.
URM	Structural Masonry by ICC	1 year.
SWC	A licensed professional/registered engineer; or Commercial or Residential Building Inspector as applicable by ICC	A minimum 2 years of direct experience in engineered wood products; or A minimum 5 years of direct experience as a journeyman carpenter.
SS	Structural Welding by ICC or Certified Welding Inspector by AWS	3 years.
SDN	Residential: B-1 Residential Building Inspector Commercial B-2 Commercial Building Inspector	1 year.
FP	Spray-Applied Fireproofing by ICC	1 year.
NDT	Nondestructive Testing AWS certification	3 years.
S	Compaction certification	1 year.
BLDG	Building Commercial ICC	5 years.
MECH	Mechanical Commercial ICC	5 years.
ELEC	Electrical Commercial ICC	5 years.
PLUMB	Plumbing Commercial ICC	5 years.

Abbreviations

ACI – American Concrete Institute
 BLDG - Building
 ELECT – Electrical
 FP - Fireproofing
 ICC – International Code Council
 MECH – Mechanical
 NDT – Nondestructive Testing
 PC - Pre-stressed Concrete

PLUMB – Plumbing
 RC - Reinforced Concrete / Epoxy / Anchor
 S - Soils
 SDN – Shear Diaphragm Nailing
 SM – Structural Masonry / Epoxy / Anchor
 SS - Structure Steel Welding/Bolting
 SWC - Structural Wood Construction
 URM - Unreinforced Masonry Push/Torque Tests Only

EXHIBIT B-1 INSPECTOR QUALIFICATION

Examples Provided in Green Font below for References.

<i>Inspector Name</i>	<i>RC*</i>	<i>PC*</i>	<i>SM</i>	<i>URM</i>	<i>SWC</i>	<i>SS</i>	<i>SDN</i>	<i>FP</i>	<i>NDT</i>	<i>S</i>	<i>BLDG</i>	<i>MECH</i>	<i>ELEC</i>	<i>PLUMB</i>
Inspector A	X	X	X	X					X	X				
Inspector B							X	X			X	X	X	X

Either complete below or submit Inspector Qualification Matrix as a separate attachment to this document.

<i>Inspector Name</i>	<i>RC*</i>	<i>PC*</i>	<i>SM</i>	<i>URM</i>	<i>SWC</i>	<i>SS</i>	<i>SDN</i>	<i>FP</i>	<i>NDT</i>	<i>S</i>	<i>BLDG</i>	<i>MECH</i>	<i>ELEC</i>	<i>PLUMB</i>

Abbreviations

- * - American Concrete Institute (ACI) Grade 1 is required
- I-T - In-training as lacking certification and/or experience
- X - Meets experience and certain certification criteria

EXHIBIT B-2 - RESUME

Examples Provided in **Green Font** below for References.

Inspector A

Inspection Category	Certification		Years of Experiences and List of Key Projects* (Key Projects*Only required for PC, SWC and SS)
	Name and Issued By	Expiration Date	
RC	Concrete Field Technician Grade 1 by ACI; Reinforced Concrete by ICC	2022-12-31 2022-12-31	5 Years
PC	Concrete Field Technician Grade 1 by ACI; Prestressed Concrete by ICC	2023-12-31 2023-12-31	2 Years [Oakland, 2011] - RC for two 3 story apartment structure foundation pads [Bay Area, 2012-2016] – RC for over 50 residential construction projects [Bay Area, 2016-2017] – RC/PC for both residential and commercial projects [Hayward, 2018] – PC for 15,000 commercial storage building
SM	Structural Masonry by ICC	2022-12-31	2 Years

Either complete below or submit Inspector Qualification Matrix as a separate attachment to this document.

Inspector Name:

Inspection Category	Certification		Years of Experiences and List of Key Projects* (Key Projects*Only required for PC, SWC and SS)
	Name and Issued By	Expiration Date	

EXHIBIT C – RECOGNIZED SPECIAL INSPECTION & TESTING AGENCIES FOR 2023 - 2025

Abbreviations:

RC - Reinforced Concrete / Epoxy / Anchor
 PC - Pre-stressed Concrete
 SM – Structural Masonry / Epoxy / Anchor
 URM - Unreinforced Masonry Push/Torque Tests Only
 SWC - Structural Wood Construction

SS - Structure Steel Welding/Bolting
 SDN – Shear Diaphragm Nailing
 FP - Fireproofing
 NDT – Nondestructive Testing
 S - Soils

BLDG - Building
 MECH – Mechanical
 ELECT – Electrical
 PLUMB – Plumbing

<i>Company Name</i>	<i>Address</i>	<i>Phone & Fax</i>	<i>RC</i>	<i>PC</i>	<i>SM</i>	<i>URM</i>	<i>SWC</i>	<i>SS</i>	<i>SDN</i>	<i>FP</i>	<i>NDT</i>	<i>S</i>	<i>BLDG</i>	<i>MECH</i>	<i>Expiration</i>
4 Leaf, Inc.	2126 Rheem Road, Pleasanton, CA 94588	(925) 462-5959 (925)463-0691											X	X	4/01/26
A1 Inspection Services	1754 Mission Street San Francisco, CA.	(415) 621-8001 (415) 358-4409	X	X	X			X							4/01/26
ACE Quality Control	3075 Teagarden Street San Leandro, CA 94577	(510) 969-4239	X	X	X			X		X	X	X	X		9/17/27
Achievement Engineering Corp.	434 Camille Circle #13 San Jose, CA.	(408) 653-1397 (408) 217-9632	X	X	X			X		X					4/01/26
All Valley Inspection and Testing	3609 Plaudit Drive Modesto, CA	(209) 606-6279 (916) 897-0001	X	X	X	X		X		X					4/01/26
Applied Materials & Engineering, Inc.	980 41 st Street Oakland, CA	(510) 420-8090 (510) 420-8186	X	X	X		X	X		X					4/01/26
B.S.K. Associates	399 Lindbergh Ave Livermore, CA	(925)315-3151	X	X	X			X		X					4/01/26
BAGG Engineers	847 W. Maude Ave Sunnyvale, CA	(650) 852-9133 (650) 852-9138	X	X	X			X		X					4/01/26
Berlogar Geotechnical	5587 Sunol Blvd. Pleasanton, CA	(925) 484-0220 (925) 846-9645	X	X	X			X							4/01/26
Biggs Cardosa	1871 The Alameda Suite 200	(408) 296-5515 (408) 296-8114	X	X	X	X		X							4/01/26
Consolidated	2001 Crow Canyon Road Ste. 100	(925) 314-7100 (925) 855-7140	X	X	X			X		X					4/01/26

Company Name	Address	Phone & Fax	RC	PC	SM	URM	SWC	SS	SDN	FP	NDT	S	BLDG	MECH	
Construction Testing	2142 Rheed Drive Pleasanton, CA	(925) 462-5151 (925) 462-5183	X	X	X	X		X		X					4/01/26
Earth System Pacific	446 S. Hillview Drive Milpitas, CA	(408) 934-9302 (408) 946-4569	X	X	X	X		X		X					4/01/26
ENGEO Inc.	2010 Crow Canyon Place Suite 250	(925) 866-9000 (925) 279-2698	X	X	X			X		X					4/01/26
Geocon Consultants, Inc.	3160 Gold Valley Dr., Suite 800 Rancho Cordova, CA	(916) 852-9118 (916) 852-9132	X	X	X			X		X					4/01/26
Inspection Services	Pier 26, Embarcadero San Francisco, CA	(415) 243-3265 (415) 243-3266	X	X	X			X		X					4/01/26
KC Engineering	865 Cotting Lane, Suite A Vacaville, CA	(707) 447-4025 (707) 447-4143	X	X	X			X							4/01/26
Kleinfelder Inc.	2601 Barrington Ct. Hayward, CA	(925) 484-1700 (510) 887-5932	X	X	X			X		X					4/01/26
Krazan & Associates	4320 Orange Ave, Suites E-F Sacramento, CA	(916) 564-2200 (916) 564-2222	X	X	X	X		X		X					4/01/26
Korbmacher Engineering, Inc. (KEI)	480 Preston Court Ste. B Livermore, CA 94551	(925) 454-9033	X	X	X	X	X	X		X					4/01/26
MatriScope Engineering	601 Bercut Drive Sacramento, CA	(510) 763-3601 (510) 763-1388	X	X	X			X		X					4/01/26
Moore Twinning Associates	165 Commerce Circle, Suite D Sacramento, CA 95815	(916) 381-9477	X	X	X			X		X					4/01/26
MPE	4200 North Freeway Blvd.	(916) 927-7000	X	X	X			X		X					4/01/26
Nicholas Engineering	6743 Dublin Blvd. #15 Dublin, CA 94568	(925) 829-8090 (925) 829-0235	X	X	X	X		X		X					4/01/26
Norcon LLC	470 3rd St San Francisco, CA 94107	(833) NORCON-1 (415) 692-0519	X	X	X	X		X		X					4/01/26
North American	4713 Enterprise Way Modesto, CA	(209) 545-1108	X	X	X			X		X					4/01/26
Pacific Interwest	1600 South Main Street, #380 Walnut Creek, CA	(925) 939-5500							X	X					4/01/26

Company Name	Address	Phone & Fax	RC	PC	SM	URM	SWC	SS	SDN	FP	NDT	S	BLDG	MECH	
PJC & Associates, Inc Geotechnical	600 Martin Ave, Suite 210 Rohnert Park, CA 94928	(707) 584-4804	X	X	X			X							4/01/26
PSI	365 Victor St. Ste C.	(831) 757-3536	X	X	X			X		X					4/01/26
RMA Group	3140 Beacon Blvd. W. Sacramento, CA	(916) 371-0434 (916) 371-1809	X	X	X			X		X					4/01/26
Salem Engineering	4729 West Jacqueline Avenue	(559) 271-9700 (559) 275-0827	X	X	X			X		X					4/01/26
Stevens, Ferrone & Bailey	1600 Willow Pass Rd. Concord, CA	(925) 688-1001 (925) 688-1005	X	X	X	X	X	X		X					4/01/26
Testing Engineers Inc	2811 Teagarden St. San Leandro, CA	(510) 835-3142 (510) 834-3777	X	X	X	X		X		X					4/01/26
Terracon	5075 Commercial Circle Concord, CA 94520	(925) 609-7224	X	X	X			X		X					4/01/26
Universal Engineering Sciences (UES)	3050 Industrial Boulevard West Sacramento, CA 95691	(916) 372-1434 (916)372-2565	X	X	X		X	X		X	X	X			4/01/26