



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

APPLICATION FOR HCAI PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS		OFFICE USE ONLY		
		OPAA-0093		

Approved Agency	City	County	State	ZIP Code
TERRACON CONSULTANTS INC.	CONCORD	Contra Costa	CA	94520

APPLICATION TYPE
Combined Testing **AND** Special Inspection Agency

APPLICANT INFORMATION

Applicant Name Cenk Ergin	Position in the Organization Department Manager
Agency's Local Name Terracon Consultants Inc.	Application Date 8/3/2024

Phone Number (925) 609-7224	E-mail CENK.ERGIN@TERRACON.COM
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Address of Facility Location (Each facility location requires separate application.)

Street
2190 MERIDIAN BOULEVARD PARK, SUITE M

City CONCORD	County Contra Costa	State CA	Zip Code 94520
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Facility Mailing Address

Street
2190 Meridian Boulevard Park, Suite M

City Concord	State CA	Zip Code 94520-
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Key Agency Personnel

Engineering Manager - Name Cenk Ergin	CA Registration Number C75056	Expiration Date 12/31/2025
Title in the Organization Department Manager	Phone Number (925) 609-7224	
Alternate Phone Number (925) 332-9435	E-Mail cenk.ergin@terracon.com	

Key Agency Personnel

Alternate Engineering Manager - Name Anthony Argyriou	CA Registration Number C56414	Expiration Date 06/30/2025
Title in the Organization Department Manager	Phone Number (925) 490-7043	
Alternate Phone Number (510) 205-2178	E-Mail anthony.argyriou@terracon.com	

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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Key Agency Personnel		
Geotechnical Engineering Contact - Name Anthony Argyriou	CA Registration Number	Expiration Date
Title in the Organization Department Manager	Phone Number (925) 490-7043	
Alternate Phone Number (510) 205-2178	E-Mail anthony.argyriou@terracon.com	

Key Testing Personnel		
Testing Supervisor - Name Mijjal Tamarakar	CA Registration Number	Expiration Date
Title in the Organization Laboratory Manager/Field Supervisor	Phone Number (925) 609-7224	
Alternate Phone Number (703) 206-8825	E-Mail mijjal.tamarakar@terracon.com	

Key Testing Personnel		
Field Testing Supervisor - Name Mijjal Tamarakar	CA Registration Number	Expiration Date
Title in the Organization Laboratory Manager/Field Supervisor	Phone Number (925) 609-7224	
Alternate Phone Number (703) 206-8825	E-Mail mijjal.tamarakar@terracon.com	

Key Special Inspections Personnel		
Special Inspection Supervisor - Name Cenk Ergin	CA Registration Number C75056	Expiration Date 12/31/2025
Title in the Organization Department Manager	Phone Number (925) 609-7224	
Alternate Phone Number (925) 332-9435	E-Mail cenk.ergin@terracon.com	

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name Cenk Ergin	CA Registration Number C75056	Expiration Date 12/31/2025
Title in the Organization Department Manager	Phone Number (925) 609-7224	
Alternate Phone Number (925) 332-9435	E-Mail cenk.ergin@terracon.com	





DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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ACCREDITATION AND QUALIFICATIONS

Agency currently holds accreditation by: *(Attach a copy of current accreditation details.)*

AASHTO Accreditation Program (AAP)

Latest Expiration Date *(if any)* _____

Is this Agency accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA?

No Yes

Expiration Date 10/31/2027

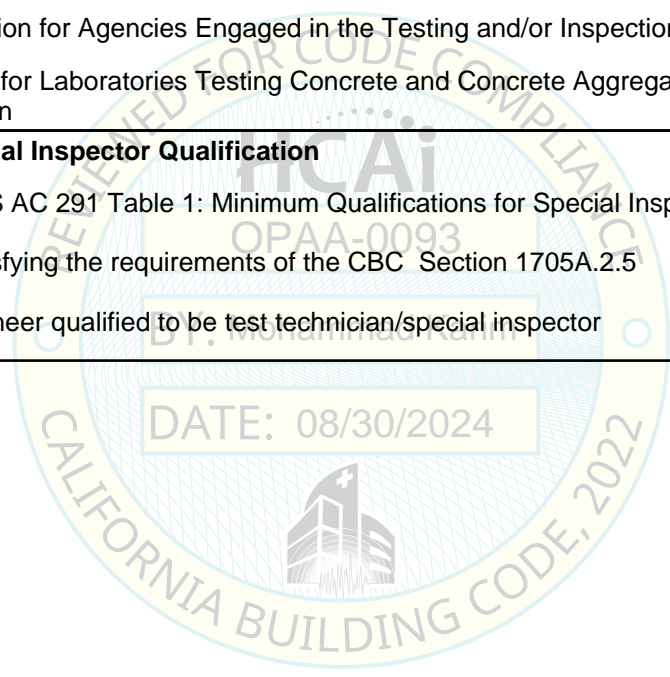
LEA # 331

Basis for accreditation

- AASHTO R18: Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories
- ASTM E 329: Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction
- ASTM C 1077: Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation

Basis for Test Technician/Special Inspector Qualification

- Certification listed in IAS AC 291 Table 1: Minimum Qualifications for Special Inspectors
- Welding inspectors satisfying the requirements of the CBC Section 1705A.2.5
- California licensed engineer qualified to be test technician/special inspector





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED

1	SOILS AND FOUNDATIONS
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM D 1140	No. 200 Wash	ASTM D 1557	Soil Compaction – Modified
ASTM D 2166	Unconfined Compressive Strength/Moisture content	ASTM D 2216	Water Content of Soil
ASTM D 2487	Classification of Soils	ASTM D 422	Particle Size Analysts
ASTM D 4318	Liquid I Plastic Limit	ASTM D 6938	Density of Soils – Nuclear Gage

Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.

Standard	Test Procedure	Standard	Test Procedure

2	CONCRETE
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM C 1064	Temperature	ASTM C 117	No. 200 Wash
ASTM C 1231	Unbonded Caps	ASTM C 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 143	Slump
ASTM C 172	Sampling Freshly Mixed Concrete	ASTM C 192	Making I Curing Specimens - Lab
ASTM C 231	Air Content (P)	ASTM C 31	Concrete Sampling - Field
ASTM C 39	Compressive Strength	ASTM C 42	Concrete Core
ASTM C 566	Moisture Content of Aggregate	ASTM C 617	Capping Concrete Specimens
ASTM C 702	Reducing Aggregate Samples	ASTM D 75	Sampling Aggregate
ASTM E 488	Strength of Anchors in Concrete Elements		

Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.

Standard	Test Procedure	Standard	Test Procedure

3	MASONRY
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Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 39	Core Compressive Strength
ASTM C 780	Mortar Compressive Strength	CBC 2105A	Mortar Sampling

Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.

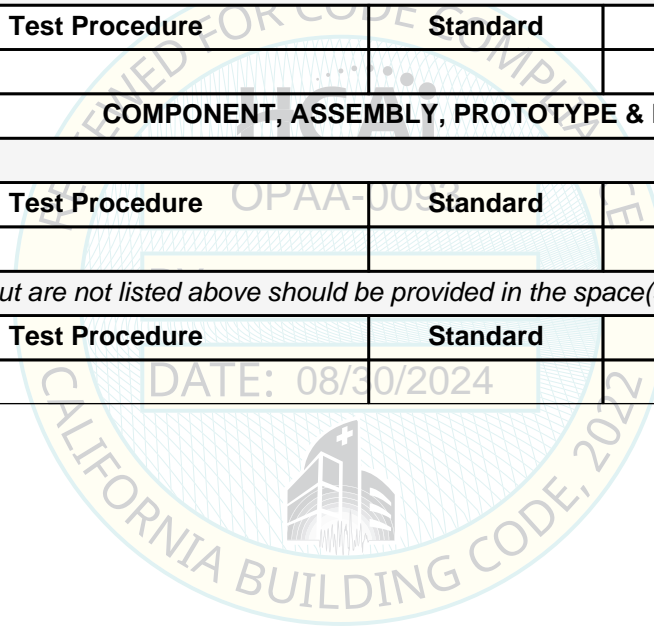
Standard	Test Procedure	Standard	Test Procedure





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4	STEEL		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM E 605	Density of SFRM	CBC 2203A	Material Identification
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure
5	WOOD AND ROOF ASSEMBLIES		
Tests			
Standard	Test Procedure	Standard	Test Procedure
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure
6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS		
Tests			
Standard	Test Procedure	Standard	Test Procedure
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure





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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Jay Ayala	Nuclear Gauge Inspector	ATI	N/A	09/25/2024	Full-Time
Jay Ayala	Concrete Field Testing Technician - Grade I	ACI	02208807	02/09/2028	Full-Time
Robert Barron	Concrete Field Testing Technician - Grade I	ACI	01204014	05/03/2027	Full-Time
Nikkie Brown	Concrete Field Testing Technician - Grade I	ACI	01540536	07/12/2029	Full-Time
Cenk Ergin	Concrete Field Testing Technician - Grade I	ACI	01137620	05/08/2028	Full-Time
Sameh Gras	Nuclear Gauge Inspector	ATI	N/A	10/07/2024	Full-Time
Sameh Gras	Concrete Field Testing Technician - Grade I	ACI	02112784	09/10/2026	Full-Time
Eddie Harrison	Concrete Field Testing Technician - Grade I	ACI	02189457	09/23/2027	Full-Time
Noah Palega	Soils Nuclear Gauge	Troxler	630B460D939BA8C A	03/27/2025	Full-Time
Noah Palega	Concrete Field Testing Technician - Grade I	ACI	02176285	06/10/2027	Full-Time
Alison Rutan Treasure	Aggregate Testing Technician - Level 1	ACI	02245067	06/21/2029	Full-Time
Alison Rutan-Treasure	Nuclear Gauge Inspector	ATI	N/A	10/30/2024	Full-Time
Alison Rutan-Treasure	Aggregate Base Testing Technician	ACI	02245067	02/16/2029	Full-Time
Alison Rutan-Treasure	Concrete Strength Testing Technician	ACI	02245067	10/20/2028	Full-Time
Sadeed Saboor	Nuclear Gauge Inspector	ATI	N/A	11/19/2024	Full-Time
Sadeed Saboor	Concrete Field Testing Technician - Grade I	ACI	02261166	02/23/2029	Full-Time
Richard Scott	Concrete Field Testing Technician - Grade I	ACI	01270416	01/18/2028	Full-Time

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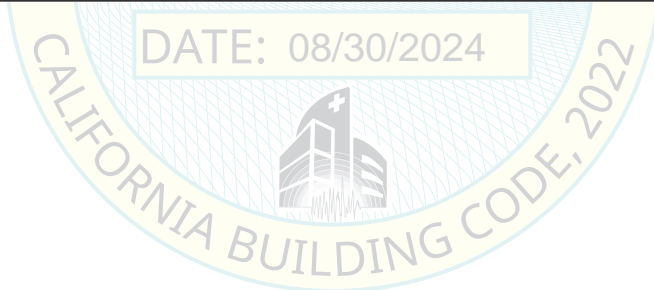
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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7		TEST TECHNICIANS			
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Tad Steiner	Concrete Strength Testing Technician	ACI	01379125	06/21/2029	Full-Time
Tad Steiner	Aggregate Base Testing Technician	ACI	01379125	02/16/2029	Full-Time
Mijjal Tamrakar	Nuclear Gauge Inspector	ATI	N/A	03/17/2025	Full-Time
Mijjal Tamrakar	Concrete Field Testing Technician - Grade I	ACI	01344552	01/15/2026	Full-Time
Mijjal Tamrakar	Concrete Laboratory Testing Technician - Level 1	ACI	01344552	03/26/2026	Full-Time
Mijjal Tamrakar	Aggregate Testing Technician - Level 1	ACI	01344552	12/10/2026	Full-Time
Mijjal Tamrakar	Concrete Strength Testing Technician	ACI	01344552	03/26/2026	Full-Time
Mijjal Tamrakar	Aggregate Base Testing Technician	ACI	01344552	05/31/2029	Full-Time
<i>Test Technicians with expired license shall not be permitted to perform Tests.</i>					





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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED

8	SOILS AND FOUNDATIONS
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Special Inspections

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Driven Deep Foundations
CBC 1705/1705A	Soils (Excavations and Fills)		

Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection

9	CONCRETE
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Special Inspections

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Post-Installed Anchors	CBC 1705/1705A & ACI 318	Pre-Stressed Concrete
CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete	CBC 1705/1705A & ACI 318	Reinforced Pre-Cast Concrete
CBC 1705/1705A & AWS D1.4	Rebar Welding	CBC 1705/1705A and ASTM C94	Batch Plant

Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection

10	MASONRY
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Special Inspections

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A & AWS D1.4	Rebar Welding		

Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.

Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection

11	STEEL
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Special Inspections

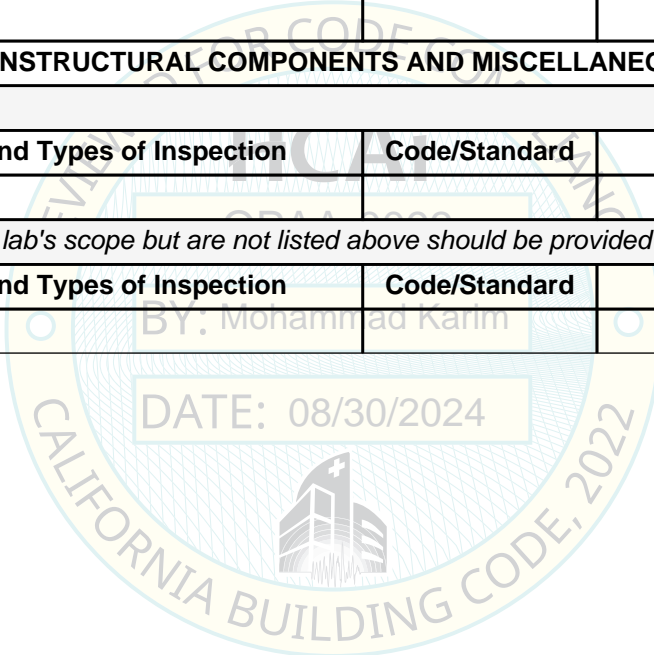
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing (Spray Applied)	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts
CBC 1705/1705A, AISC 360 & 341	Steel Fabrication & Erection	CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding





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11	STEEL		
Special Inspections			
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
12	WOOD AND ROOF ASSEMBLIES		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
13	NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection





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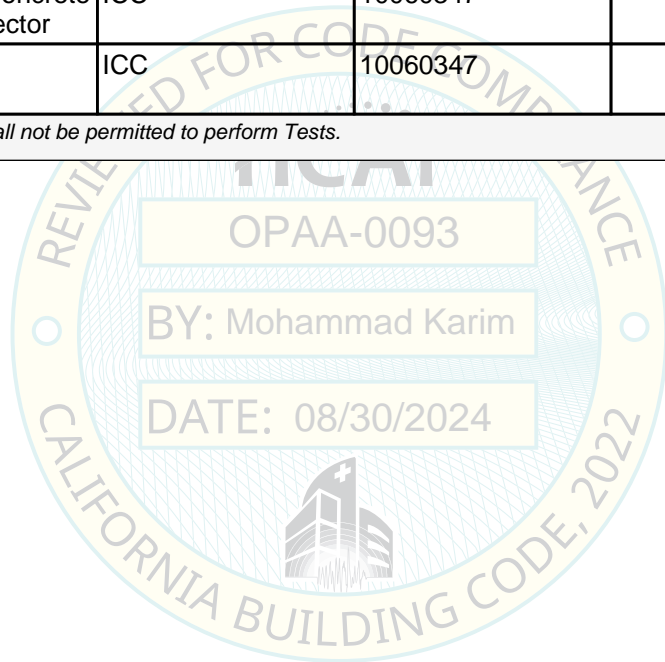
14	SPECIAL INSPECTORS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Robert Barron	Structural Steel and Bolting Special Inspector	ICC	8087260	02/01/2026	Full-Time
Robert Barron	Structural Masonry Special Inspector	ICC	8087260	03/02/2027	Full-Time
Robert Barron	Reinforced Concrete Special Inspector	ICC	8087260	03/02/2027	Full-Time
Cenk Ergin	Structural Steel and Bolting Special Inspector	ICC	10330083	03/03/2027	Full-Time
Cenk Ergin	Spray Applied Fire Proofing Special Inspector	ICC	10330083	04/01/2027	Full-Time
Cenk Ergin	Civil Engineer	Registered Design Professional	C75056	12/31/2025	Full-Time
John Ewing	Structural Welding Special Inspector	ICC	9716122	07/30/2026	Part-Time
John Ewing	Senior Certified Welding Inspector (SCWI)	AWS	99020018	02/01/2026	Part-Time
John Ewing	Structural Steel and Bolting Special Inspector	ICC	9716122	07/30/2026	Part-Time
Sameh Gras	Structural Steel and Bolting Special Inspector	ICC	10031785	07/01/2025	Full-Time
Sameh Gras	Prestressed Concrete Special Inspector	ICC	10031785	09/23/2025	Full-Time
Sameh Gras	Soils Special Inspector	ICC	10031785	07/07/2025	Full-Time
Smah Gras	Reinforced Concrete Special Inspector	ICC	10031785	09/23/2025	Full-Time
Eddie Harrison	Post-Installed Concrete Anchor Installation Inspector	ACI	02189457	04/19/2029	Full-Time
Richard Scott	Structural Welding Special Inspector	ICC	8212361	09/13/2025	Full-Time
Richard Scott	Structural Steel and Bolting Special Inspector	ICC	8212361	09/13/2025	Full-Time





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14		SPECIAL INSPECTORS			
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Richard Scott	Spray Applied Fire Proofing Special Inspector	ICC	8212361	09/13/2025	Full-Time
Richard Scott	Reinforced Concrete Special Inspector	ICC	8212361	07/02/2027	Full-Time
Richard Scott	Prestressed Concrete Special Inspector	ICC	8212361	04/10/2026	Full-Time
Mijjal Tamrakar	Reinforced Concrete Special Inspector	ICC	10060347	05/03/2025	Full-Time
Mijjal Tamrakar	Soils Special Inspector	ICC	10060347	09/09/2024	Full-Time
<i>Special Inspectors with expired license shall not be permitted to perform Tests.</i>					





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15	SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES	
Structural Tests & Special Inspections		
Structural Tests	Structural Special Inspections	
Aggregate	Batch Plant	
Concrete	Deep Foundations	
Post-Installed Anchors	Earthwork	
Shotcrete	High-Strength Bolts and other Fasteners	
Soil	Post-Installed Anchors	
	Pre-Stressed Concrete	
	Reinforced Concrete	
	Spray Applied Fireproofing	
	Steel Welding	

Tests and Special Inspections that are in the Agency's scope but are not listed above should be provided in the space(s) below.

HCAI Approval		(For Office Use Only)	
Print Name:	Mohammad Karim	Approval Date:	08/30/2024
Title:	Supervisor, Health Facilities Review	Approval Expiration Date:	10/31/2027
Condition of approval (if applicable):			
DATE: 08/30/2024			

