



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION**

APPLICATION FOR HCAI PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS	OFFICE USE ONLY			
	OPAA-0049			

Approved Agency	City	County	State	ZIP Code
TWINING INC.	SAN DIEGO	San Diego	CA	92127

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

APPLICANT INFORMATION

Applicant Name RYAN POWNEY	Position in the Organization Laboratory Manager
Agency's Local Name Twining, Inc.	Application Date 12/8/2023

Phone Number (858) 974-3750	E-mail RPOWNEY@TWININGINC.COM
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Address of Facility Location (Each facility location requires separate application.)

Street
15950 BERNARDO CENTER DRIVE SUITE J

City SAN DIEGO	County San Diego	State CA	Zip Code 92127
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Facility Mailing Address

Street
15950 Bernardo Center Drive Suite J

City San Diego	State CA	Zip Code 92127-
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Key Agency Personnel

Engineering Manager - Name Alireza Daghighi	CA Registration Number C80840	Expiration Date 03/31/2025
Title in the Organization Vice President/Engineering Manager	Phone Number (858) 974-3750	
Alternate Phone Number	E-Mail SDaghighi@twinininc.com	

Key Agency Personnel

Alternate Engineering Manager - Name Paul Soltis	CA Registration Number GE2606	Expiration Date 12/31/2024
Title in the Organization VP of Geotechnical Engineering	Phone Number (562) 972-3068	
Alternate Phone Number	E-Mail Psoltis@twininginc.com	

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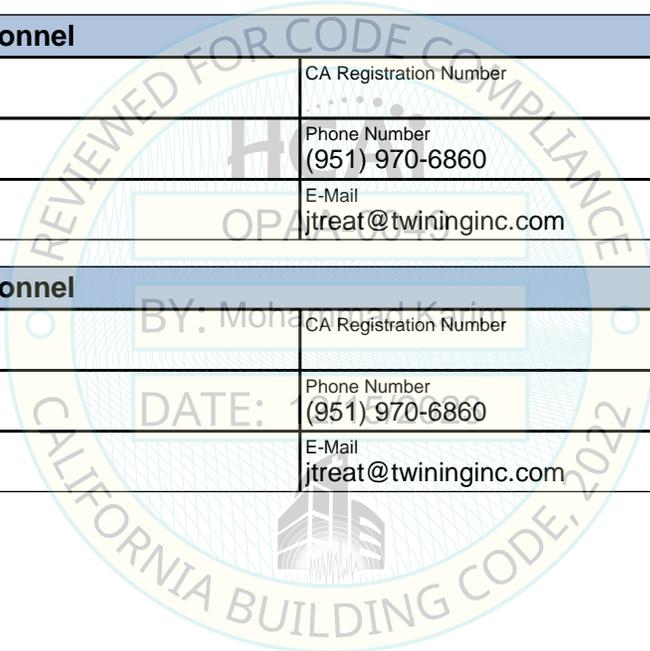
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Key Testing Personnel		
Testing Supervisor - Name Ryan Powney	CA Registration Number	Expiration Date
Title in the Organization Laboratory Manager	Phone Number (760) 828-7751	
Alternate Phone Number	E-Mail rpowney@twininginc.com	

Key Testing Personnel		
Field Testing Supervisor - Name Jeff Treat	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (951) 970-6860	
Alternate Phone Number	E-Mail jtreat@twininginc.com	

Key Special Inspections Personnel		
Special Inspection Supervisor - Name Jeff Treat	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (951) 970-6860	
Alternate Phone Number	E-Mail jtreat@twininginc.com	

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name Jeff Treat	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (951) 970-6860	
Alternate Phone Number	E-Mail jtreat@twininginc.com	





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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 03/28/2027

LEA # 187

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
- ASTM D 3666: Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials
- ASTM D 3740: Practice for Evaluation of Agencies Engaged in Testing and/or Inspections of Soils and Rock as Used Engineering Design and Construction
- ASTM C 1093: Practice for Accreditation of Testing Agencies for Unit Masonry

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



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APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED

1 SOILS AND FOUNDATIONS

Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM D 1140	No. 200 Wash	ASTM D 1556	Density of Soils – Sand Cone
ASTM D 1557	Soil Compaction – Modified	ASTM D 2216	Water Content of Soil
ASTM D 2419	Sand Equivalent Value	ASTM D 2487	Classification of Soils
ASTM D 3744	Durability Index	ASTM D 4318	Liquid I Plastic Limit
ASTM D 6938	Density of Soils – Nuclear Gage	ASTM D 698	Compaction of Soil-Standard
ASTM D 854	Specific Gravity of Soil		

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

Tests

Standard	Test Procedure	Standard	Test Procedure
AASHTO M 201	Moisture Rooms	ASTM C 1064	Temperature
ASTM C 1140	Shotcrete Compression	ASTM C 117	No. 200 Wash
ASTM C 1231	Unbonded Caps	ASTM C 1252	Uncompacted Void Content
ASTM C 1260	Alkali Reactivity of Aggregate	ASTM C 127	Specific Gravity - Coarse
ASTM C 128	Specific Gravity - Fine	ASTM C 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 142	Clay I Friable Particles
ASTM C 143	Slump	ASTM C 157	Length Change
ASTM C 172	Sampling Freshly Mixed Concrete	ASTM C 173	Air Content (V)
ASTM C 174	Measuring Thickness Using Drilled	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 40	Organic Impurities
ASTM C 42	Concrete Core	ASTM C 511	Moist Cure Rooms/Tanks
ASTM C 566	Moisture Content of Aggregate	ASTM C 617	Capping Concrete Specimens
ASTM C 702	Reducing Aggregate Samples	ASTM C 78	Flexural Strength
ASTM C 88	Sodium Sulfate Soundness	ASTM D 2041	Maximum Theo. Specific Gravity
ASTM D 2419	Sand Equivalent Value	ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures
ASTM D 3744	Aggregate Durability Index	ASTM D 4791	Flat Elongated Pieces in Aggregate
ASTM D 5444	Sieve Analysis of Extracted Aggregate	ASTM D 5821	Percent Crushed Particles
ASTM D 6307	Asphalt Content by Ignition	ASTM D 75	Sampling Aggregate





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2		CONCRETE	
Tests			
<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
3		MASONRY	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content
ASTM C 1552	Capping CMU, Related Units & Masonry Prisms for Compression Testing	ASTM C 39	Core Compressive Strength
ASTM C 780	Mortar Compressive Strength	CBC 2105A	Core Shear
CBC 2105A	Mortar Sampling		
<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
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
Jason Barron	Concrete Field Testing Technician - Grade I	ACI	0101395	10/26/2024	Full-Time
Steve Cappello	Concrete Field Testing Technician - Grade I	ACI	01182001	09/18/2025	Full-Time
Robert Clevenger	Masonry Field Testing Technician	ACI	1081848	09/22/2026	Full-Time
Robert Clevenger	Aggregate Testing Technician - Level 1	ACI	1081848	10/26/2024	Full-Time
Robert Clevenger	Concrete Laboratory Testing Technician - Level 1	ACI	1081848	07/26/2027	Full-Time
Robert Clevenger	Masonry Laboratory Testing Technician	ACI	1081848	09/20/2026	Full-Time
Robert Clevenger	Concrete Strength Testing Technician	ACI	01081848	07/26/2027	Full-Time
Robert Clevenger	Concrete Field Testing Technician - Grade I	ACI	01081848	05/05/2025	Full-Time
Jose Franco-Casas	Soils Nuclear Gauge	Boart Longyear	26986		Full-Time
Jose Franco-Casas	Concrete Field Testing Technician - Grade I	ACI	0952934	03/04/2027	Full-Time
Ryan Powney	Aggregate/Soils Base Testing Technician	ACI	01237464	09/06/2028	Full-Time
Ryan Powney	Masonry Laboratory Testing Technician	ACI	01237464	02/02/2027	Full-Time
Ryan Powney	Aggregate Testing Technician - Level 1	ACI	01237464	10/26/2024	Full-Time
Ryan Powney	Concrete Laboratory Testing Technician - Level 1	ACI	01237464	07/26/2027	Full-Time
Ryan Powney	Concrete Strength Testing Technician	ACI	01237464	07/26/2027	Full-Time
Ryan Powney	Concrete Field Testing Technician - Grade I	ACI	01237464	09/15/2028	Full-Time
Fidencio Viramontes	Concrete Field Testing Technician - Grade I	ACI	00928548	02/08/2025	Full-Time

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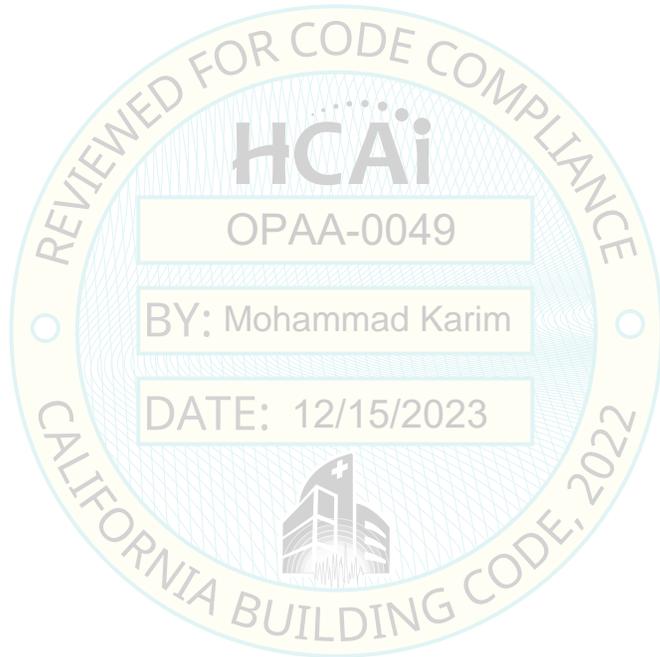
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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Richard Williams	Concrete Field Testing Technician - Grade I	ACI	00099484	08/04/2028	Full-Time
Richard Williams	Soils Nuclear Gauge	CPN International	44888		Full-Time
Steve Wynn	Concrete Field Testing Technician - Grade I	ACI	01216460	03/05/2026	Full-Time
<i>Test Technicians with expired license shall not be permitted to perform Tests.</i>					



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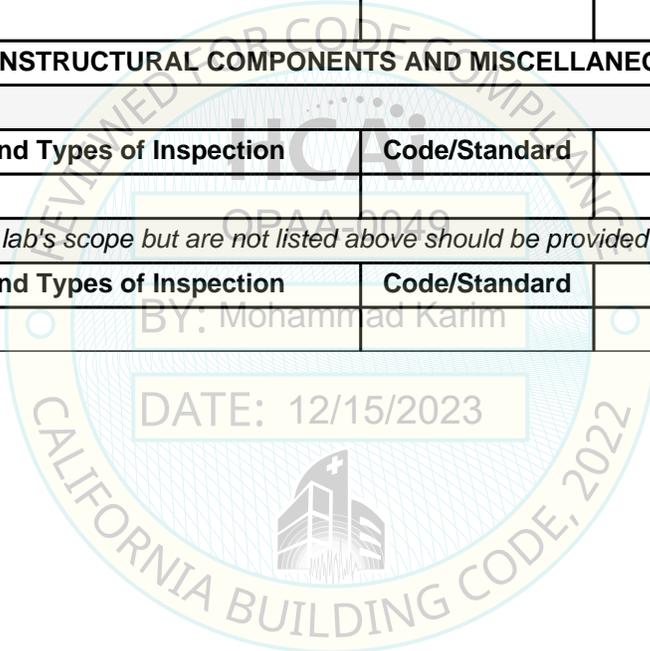
APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Driven Deep Foundations
CBC 1705/1705A	Soils (Excavations and Fills)		
<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
9	CONCRETE		
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 and ASTM C94	Batch Plant	CBC 1911A & ICC-ES AC 178	Fiber Reinforced Polymer (FRP) Composites
<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
10	MASONRY		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A & TMS 602	Masonry Placement		
<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
11	STEEL		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing	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
Jason Barron	Soils Special Inspector	ICC	8197139	03/09/2025	Full-Time
Jason Barron	Reinforced Concrete Special Inspector	ICC	8197139	06/25/2024	Full-Time
Steve Cappello	Soils Special Inspector	ICC	8052335	01/09/2026	Full-Time
Steve Cappello	Structural Masonry Special Inspector	ICC	8052335	01/09/2026	Full-Time
Steve Cappello	Prestressed Concrete Special Inspector	ICC	8052335	01/09/2026	Full-Time
Steve Cappello	Reinforced Concrete Special Inspector	ICC	8052335	01/09/2026	Full-Time
Wayne (Cecil) Coey	Master of Special Inspections	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Structural Welding Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Spray Applied Fire Proofing Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Reinforced Concrete Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Structural Masonry Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Prestressed Concrete Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Structural Steel and Bolting Special Inspector	ICC	5297502	01/05/2026	Part-Time
Wayne (Cecil) Coey	Certified Welding Inspector	AWS	10032031	03/01/2025	Part-Time
Jose Franco-Casas	Reinforced Concrete Special Inspector	ICC	1105652	10/16/2024	Full-Time
Jose Franco-Casas	Structural Masonry Special Inspector	ICC	1105652	10/16/2024	Full-Time
Jose Franco-Casas	Soils Special Inspector	ICC	1105652	10/16/2024	Full-Time
Fidencio Viramontes	Structural Steel and Welding Special Inspector - Legacy	ICC	859483	08/04/2024	Full-Time

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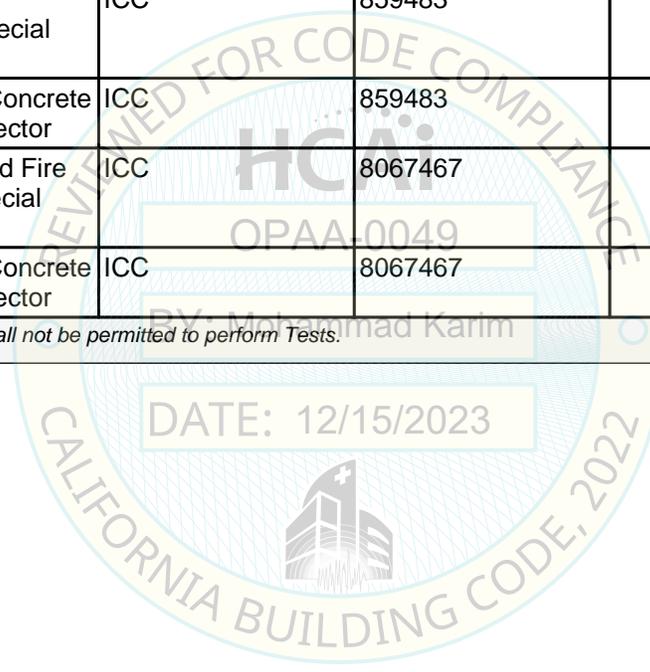
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14		SPECIAL INSPECTORS			
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Fidencio Viramontes	Spray Applied Fire Proofing Special Inspector	ICC	859483	08/04/2024	Full-Time
Fidencio Viramontes	Structural Steel and Bolting Special Inspector	ICC	859483	08/04/2024	Full-Time
Fidencio Viramontes	Structural Masonry Special Inspector	ICC	859483	08/04/2024	Full-Time
Fidencio Viramontes	Prestressed Concrete Special Inspector	ICC	859483	08/04/2024	Full-Time
Fidencio Viramontes	Reinforced Concrete Special Inspector	ICC	859483	08/04/2024	Full-Time
Richard Williams	Spray Applied Fire Proofing Special Inspector	ICC	8067467	08/02/2025	Full-Time
Richard Williams	Reinforced Concrete Special Inspector	ICC	8067467	06/07/2025	Full-Time
Special Inspectors with expired license shall not be permitted to perform Tests.					





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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	
Masonry	Earthwork	
Shotcrete	High-Strength Bolts and other Fasteners	
Soil	Masonry	
	Pre-Cast Concrete	
	Pre-Stressed Concrete	
	Reinforced Concrete	
	Spray Applied Fireproofing	
	Steel Welding	
<p><i>Tests and Special Inspections that are in the Agency's scope but are not listed above should be provided in the space(s) below.</i></p>		

HCAI Approval		(For Office Use Only)	
Print Name:	Mohammad Karim	Approval Date:	12/15/2023
Title:	Supervisor, Health Facilities Review	Approval Expiration Date:	03/28/2027
Condition of approval (if applicable):			

