



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-0003		
Approved Agency	City	County	State	ZIP Code
ACHIEVEMENT ENGINEERING CORP	SAN JOSE	Santa Clara	CA	95112
APPLICATION TYPE				
Combined Testing AND Special Inspection Agency				
APPLICANT INFORMATION				
Applicant Name Arash Firouzjaei		Position in the Organization President		
Agency's Local Name Achievement Engineering Corp		Application Date 6/13/2025		
Phone Number (408) 217-9174		E-mail ARASH@ACHIEVENG.COM		
Address of Facility Location (Each facility location requires separate application.)				
Street 1145 S THIRD ST				
City SAN JOSE		County Santa Clara	State CA	Zip Code 95112
Facility Mailing Address				
Street 1145 S Third St				
City San Jose		State CA	Zip Code 95112	
Key Agency Personnel				
Engineering Manager - Name Sina Hooshdar		CA Registration Number CE67850	Expiration Date 06/30/2027	
Title in the Organization Engineering Manager		Phone Number (408) 217-9174		
Alternate Phone Number (408) 206-4737		E-Mail sina.h@achievang.com		
Key Agency Personnel				
Alternate Engineering Manager - Name		CA Registration Number	Expiration Date	
Title in the Organization		Phone Number		
Alternate Phone Number		E-Mail		



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Key Agency Personnel

Geotechnical Engineering Contact - Name Amir Zand	CA Registration Number C73910	Expiration Date 06/30/2027
Title in the Organization Geotechnical Engineer	Phone Number (408) 217-9174	
Alternate Phone Number	E-Mail amirzand@gmail.com	

Key Testing Personnel

Testing Supervisor - Name Arash Firouzjaei	CA Registration Number	Expiration Date
Title in the Organization Laboratory Supervisor	Phone Number (408) 217-9174	
Alternate Phone Number	E-Mail arash@achieving.com	

Key Testing Personnel

Field Testing Supervisor - Name Ali T Gilani	CA Registration Number	Expiration Date
Title in the Organization Special Inspection & Material Testing Manager	Phone Number (408) 217-9174	
Alternate Phone Number (408) 718-8679	E-Mail ali@achieving.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Ali T Gilani	CA Registration Number	Expiration Date
Title in the Organization Special Inspection & Material Testing Manager	Phone Number (408) 217-9174	
Alternate Phone Number (408) 718-8679	E-Mail ali@achieving.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Ali T Gilani	CA Registration Number	Expiration Date
Title in the Organization Special Inspection & Material Testing Manager	Phone Number (408) 217-9174	
Alternate Phone Number (408) 718-8679	E-Mail ali@achieving.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 09/18/2025

LEA # 314

Basis for accreditation

- ☒ ISO/IEC 17025: General requirements for competence of testing and calibration laboratories
- ☒ 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

Basis for Test Technician/Special Inspector Qualification

- ☒ DSA-LEA approval as test Technician/special inspector
- ☒ 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



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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 1556	Density of Soils – Sand Cone
ASTM D 1557	Soil Compaction – Modified	ASTM D 2166	Unconfined Compressive Strength/Moisture content
ASTM D 2216	Water Content of Soil	ASTM D 2419	Sand Equivalent Value
ASTM D 2487	Classification of Soils	ASTM D 2850	Unconsolidated, Undrained Triaxial
ASTM D 3080	Direct Shear	ASTM D 421	Dry Prep of Soil
ASTM D 422	Particle Size Analysts	ASTM D 4318	Liquid I Plastic Limit
ASTM D 4767	Triaxial Compression	ASTM D 4829	Expansion Index
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 127	Specific Gravity - Coarse
ASTM C 128	Specific Gravity - Fine	ASTM C 131	Degradation of Aggregate
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 173	Air Content (V)	ASTM C 192	Making I Curing Specimens - Lab
ASTM C 231	Air Content (P)	ASTM C 29	Unit Weight I Voids
ASTM C 31	Concrete Sampling - Field	ASTM C 39	Compressive Strength
ASTM C 40	Organic Impurities	ASTM C 42	Concrete Core
ASTM C 496	Splitting Tensile	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 88	Sodium Sulfate Soundness
ASTM D 2419	Sand Equivalent Value	ASTM D 75	Sampling Aggregate

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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3		MASONRY	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 1314	Compressive Strength of Masonry Prism
ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	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
Other	ASTM C42 - Drilled Cores Sampling		
4		STEEL	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A 370	Tension & Bend Test	ASTM A 970	Headed Steel Bars Bend Test
ASTM E 1444	Magnetic Particle	ASTM E 164	Ultrasonic
ASTM E 165	Liquid Penetrant	ASTM E 18	Rockwell Hardness
ASTM E 290	Bend Test	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



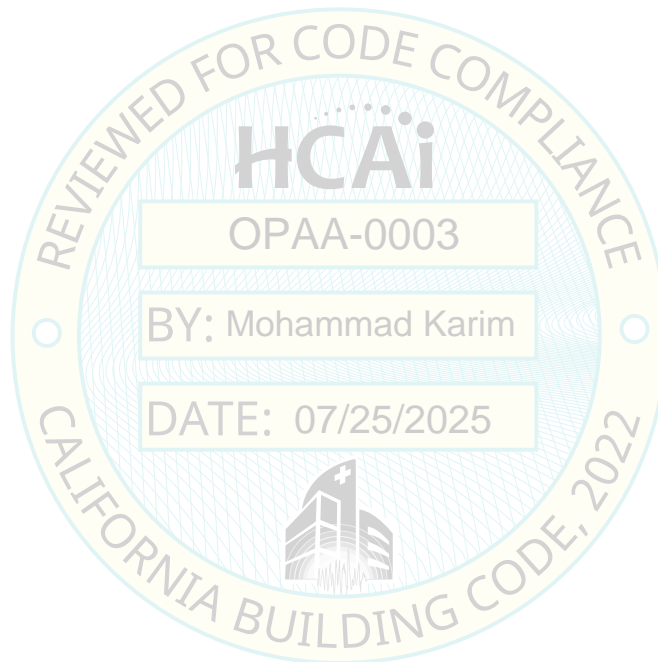
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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Chris England	NDT Level II - Ultrasonic Testing	NDT In-House: Certified By: Johnny Thompson, NDT III #111343	ASNT-CP-189-CE-UT	01/01/2026	Consultant
Chris England	NDT Level II - Liquid Penetrant	NDT In-House: Certified By: Johnny Thompson, NDT III #111343	ASNT-CP-189-CE-MT	03/17/2026	Consultant
Chris England	NDT Level II - Magnetic Particle Testing	NDT In-House: Certified By: Johnny Thompson, NDT III #111343	ASNT-CP-189-CE-MT	01/01/2026	Consultant
Arash Firouzjaei	Concrete Strength Testing Technician	ACI	01180760	10/11/2029	Full-Time
Arash Firouzjaei	Concrete Laboratory Testing Technician - Level 2	ACI	01180760	04/25/2030	Full-Time
Arash Firouzjaei	Concrete Laboratory Testing Technician - Level 1	ACI	01180760	10/11/2029	Full-Time
Arash Firouzjaei	Aggregate Testing Technician - Level 1	ACI	01180760	06/21/2029	Full-Time
Arash Firouzjaei	Concrete Field Testing Technician - Grade I	ACI	01180760	04/04/2030	Full-Time
Ali Kabiri	Concrete Field Testing Technician - Grade I	ACI	02035326	05/09/2030	Full-Time
Mia Khalid Mia	Concrete Laboratory Testing Technician - Level 1	ACI	1894675	06/21/2029	Full-Time
Mia Khalid Mia	Concrete Strength Testing Technician	ACI	1894675	06/21/2029	Full-Time
Mia Khalid Mia	Aggregate Testing Technician - Level 1	ACI	1894675	03/01/2029	Full-Time
Ali Tahmasbi Gilani	Concrete Strength Testing Technician	ACI	1305710	08/14/2025	Full-Time
Ali Tahmasbi Gilani	Concrete Laboratory Testing Technician - Level 1	ACI	01305710	07/30/2026	Full-Time
Ali Tahmasbi Gilani	Aggregate Testing Technician - Level 1	ACI	01305710	07/30/2026	Full-Time



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Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Ali Tahmasbi Gilani	Concrete Field Testing Technician - Grade I	ACI	01305710	03/08/2029	Full-Time
Oscar Toledo-Saenz	Concrete Field Testing Technician - Grade I	ACI	02293740	07/19/2029	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					





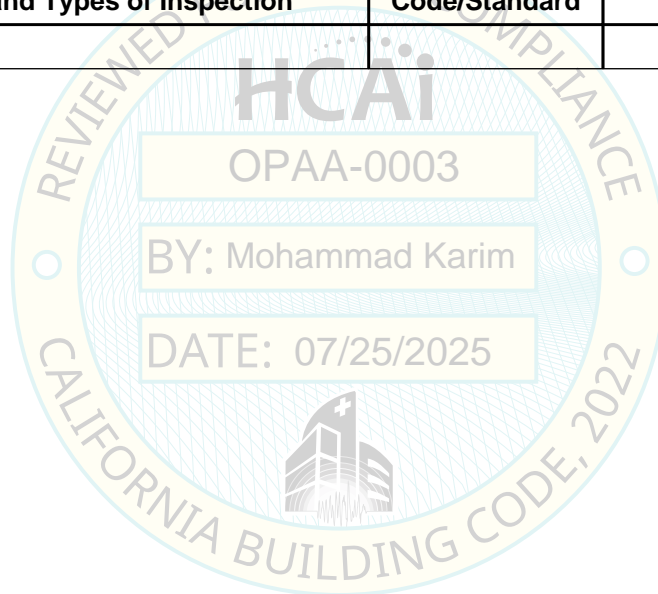
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Driven Deep Foundations
CBC 1705/1705A	Soils (Excavations and Fills)		
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		
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	Shotcrete
CBC 1705/1705A & ACI 318	Pre-Stressed Concrete	CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete
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		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A & TMS 602	Masonry Placement		
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
Other	CBC 1705A Batch Plant (continuous)		
11	STEEL		
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, AWS QC1, AISC 360 & 341	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



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12	WOOD AND ROOF ASSEMBLIES		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Wood Construction		
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
13	NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
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





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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
Eraj Akbarpour	Structural Masonry Special Inspector	ICC	9564273	09/21/2027	Full-Time
Eraj Akbarpour	Prestressed Concrete Special Inspector	ICC	9564273	01/21/2028	Full-Time
Eraj Akbarpour	Reinforced Concrete Special Inspector	ICC	9564273	01/27/2027	Full-Time
Sean Borash	Spray Applied Fire Proofing Special Inspector	ICC	9022994	12/12/2028	Full-Time
Sean Borash	Structural Steel and Bolting Special Inspector	ICC	9022994	12/12/2028	Full-Time
Sean Borash	Structural Welding Special Inspector	ICC	9022994	12/12/2028	Full-Time
Larry Evans	Certified Masonry Special Inspector	DSA	5462	02/01/2026	Full-Time
Arash Firouzjaei	Soils Special Inspector	ICC	8054610	06/07/2028	Full-Time
Arash Firouzjaei	Spray Applied Fire Proofing Special Inspector	ICC	8054610	06/07/2028	Full-Time
Arash Firouzjaei	Structural Steel and Bolting Special Inspector	ICC	8054610	06/07/2028	Full-Time
Arash Firouzjaei	Structural Masonry Special Inspector	ICC	8054610	06/07/2028	Full-Time
Arash Firouzjaei	Reinforced Concrete Special Inspector	ICC	8054610	06/07/2028	Full-Time
Sina Hooshdar	Commercial Building Inspector	ICC	5225758	05/22/2028	Full-Time
Sina Hooshdar	Soils Special Inspector	ICC	5225758	05/22/2028	Full-Time
Sina Hooshdar	Structural Masonry Special Inspector	ICC	5225758	05/22/2028	Full-Time
Sina Hooshdar	Prestressed Concrete Special Inspector	ICC	5225758	05/22/2028	Full-Time
Sina Hooshdar	Reinforced Concrete Special Inspector	ICC	5225758	05/22/2028	Full-Time



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* 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
Girgis Khalil	Spray Applied Fire Proofing Special Inspector	ICC	9871034	02/28/2027	Full-Time
Girgis Khalil	Structural Masonry Special Inspector	ICC	9871034	04/18/2028	Full-Time
Girgis Khalil	Prestressed Concrete Special Inspector	ICC	9871034	04/18/2028	Full-Time
Girgis Khalil	Reinforced Concrete Special Inspector	ICC	9871034	04/18/2028	Full-Time
Sardar Mohammad	Master of Special Inspections	ICC	8455747	08/09/2027	Full-Time
Sardar Mohammad	Spray Applied Fire Proofing Special Inspector	ICC	8455747	08/09/2027	Full-Time
Sardar Mohammad	Structural Steel and Bolting Special Inspector	ICC	8455747	08/09/2027	Full-Time
Sardar Mohammad	Structural Welding Special Inspector	ICC	8455747	03/19/2027	Full-Time
Sardar Mohammad	Structural Masonry Special Inspector	ICC	8455747	08/09/2027	Full-Time
Sardar Mohammad	Prestressed Concrete Special Inspector	ICC	8455747	08/09/2027	Full-Time
Sardar Mohammad	Reinforced Concrete Special Inspector	ICC	8455747	08/09/2027	Full-Time
Amin Rasoulia	Plant Quality Control Technician - Level II	PCI	1812686	10/05/2025	Full-Time
Amin Rasoulia	Master of Special Inspections	ICC	8684296	12/07/2026	Full-Time
Amin Rasoulia	Spray Applied Fire Proofing Special Inspector	ICC	8684296	12/07/2026	Full-Time
Amin Rasoulia	Structural Steel and Bolting Special Inspector	ICC	8684296	12/07/2026	Full-Time
Amin Rasoulia	Structural Welding Special Inspector	ICC	8684296	12/13/2026	Full-Time
Amin Rasoulia	Structural Masonry Special Inspector	ICC	8684296	12/07/2026	Full-Time

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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* 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
Amin Rasoulia	Prestressed Concrete Special Inspector	ICC	8684296	12/07/2026	Full-Time
Johnathan Shoulders	Structural Welding Special Inspector	ICC	8295439	01/18/2027	Full-Time
Johnathan Shoulders	Structural Steel and Bolting Special Inspector	ICC	8295439	08/29/2026	Full-Time
Johnathan Shoulders	Structural Masonry Special Inspector	ICC	8295439	08/29/2026	Full-Time
Johnathan Shoulders	Reinforced Concrete Special Inspector	ICC	8295439	08/29/2026	Full-Time
Johnathan Shoulders	Master of Special Inspections	ICC	8295439	01/19/2027	Full-Time
Ali Tahmasbi Gilani	Prestressed Concrete Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Reinforced Concrete Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Structural Welding Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Structural Masonry Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Structural Steel and Bolting Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Spray Applied Fire Proofing Special Inspector	ICC	8358208	08/22/2028	Full-Time
Ali Tahmasbi Gilani	Master of Special Inspections	ICC	8358208	08/22/2028	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		Earthwork
Masonry		High-Strength Bolts and other Fasteners
Non-Destructive Testing (NDT)		Masonry
Post-Installed Anchors		Post-Installed Anchors
Reinforcing Steel		Pre-Stressed Concrete
Shotcrete		Reinforced Concrete
Soil		Shotcrete
Steel		Spray Applied Fireproofing
		Steel Welding
<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>		
HCAI Approval (For Office Use Only)		
Print Name:	Mohammad Karim	Approval Date: 07/25/2025
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 09/18/2025
Condition of approval (if applicable):		