



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-0065	
Approved Agency	City	County	State	ZIP Code
MATRISCOPE ENGINEERING LABORATORIES	LIVERMORE	Alameda	CA	94551
APPLICATION TYPE				
Combined Testing AND Special Inspection Agency				
APPLICANT INFORMATION				
Applicant Name Albert Spichka		Position in the Organization Laboratory Engineer		
Agency's Local Name Matriscope Engineering Laboratories, INC.		Application Date 11/18/2024		
Phone Number (916) 375-6700	E-mail ASPICHKA@MATRISCOPE.COM			
Address of Facility Location (Each facility location requires separate application.)				
Street 6244 PRESTON AVE.				
City LIVERMORE	County Alameda	State CA	Zip Code 94551	
Facility Mailing Address				
Street 601 Bercut Drive				
City Sacramento	State CA		Zip Code 95811	
Key Agency Personnel				
Engineering Manager - Name Brock Campbell	CA Registration Number CE71578	Expiration Date 12/31/2025		
Title in the Organization Engineering Manager	Phone Number (916) 375-6700			
Alternate Phone Number	E-Mail bcampbell@matriscope.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 Brock Campbell	CA Registration Number CE71578	Expiration Date 12/31/2025
Title in the Organization Engineering Manager	Phone Number (916) 375-6700	
Alternate Phone Number	E-Mail bcampbell@matriscope.com	

Key Testing Personnel

Testing Supervisor - Name Soussan Afshar-Naderi	CA Registration Number	Expiration Date
Title in the Organization Laboratory Supervisor	Phone Number (916) 375-6700	
Alternate Phone Number	E-Mail safsharnaderi@matriscope.com	

Key Testing Personnel

Field Testing Supervisor - Name Dan Inferrera	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (916) 375-6700	
Alternate Phone Number (925) 446-5998	E-Mail dinferrera@matriscope.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Joseph Varella	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (916) 375-6700	
Alternate Phone Number (916) 343-4476	E-Mail jvarella@matriscope.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Joseph Varella	CA Registration Number	Expiration Date
Title in the Organization Operations Manager	Phone Number (916) 375-6700	
Alternate Phone Number	E-Mail jvarella@matriscope.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 04/08/2025

LEA # 289

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

BY: Mohammad Karim

DATE: 03/05/2025



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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

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 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 143	Slump
ASTM C 157	Length Change	ASTM C 1604	Shotcrete Core
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 42	Concrete Core
ASTM C 495	Lightweight Concrete	ASTM C 496	Splitting Tensile
ASTM C 511	Moist Cure Rooms/Tanks	ASTM C 566	Moisture Content of Aggregate
ASTM C 567	Density of Lightweight Aggregate	ASTM C 617	Capping Concrete Specimens
ASTM C 702	Reducing Aggregate Samples	ASTM C 78	Flexural Strength
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 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 426	Linear Drying Shrinkage	ASTM C 780	Mortar Compressive Strength
CBC 2105A	Mortar Sampling		

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3	MASONRY		
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
Other	2022 CBC - Chapter 21 - 2015.3 – Grout Sampling	Other	ASTM C42 - Drilled Cores Sampling
4	STEEL		
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
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
Besmellah Abdullahi	Soils Nuclear Gauge	APNGA	22140-168-561-0444	05/20/2026	Full-Time
Besmellah Abdullahi	Concrete Field Testing Technician - Grade I	ACI	1538918	04/14/2028	Part-Time
Soussan Afshar Naderi	Concrete Laboratory Testing Technician - Level 1	ACI	1381997	11/12/2026	Full-Time
Soussan Afshar Naderi	Aggregate Testing Technician - Level 1	ACI	1381997	12/10/2026	Full-Time
Soussan Afshar Naderi	Aggregate Base Testing Technician	ACI	1381997	04/04/2028	Full-Time
Soussan Afshar Naderi	Concrete Strength Testing Technician	ACI	1381997	11/12/2026	Full-Time
Mohammad Azizi	Concrete Field Testing Technician - Grade I	ACI	01402147	02/11/2027	Part-Time
Mohammad Azizi	Soils Nuclear Gauge	APNGA	58671-170-391-7276	12/29/2026	Part-Time
Mark Reese	ASNT NDT Level III - Ultrasonic Testing	ASNT	085914	10/01/2026	Part-Time
Mark Reese	ASNT NDT Level III - Magnetic Particle Testing	ASNT	085914	05/01/2026	Part-Time
Albert Spichka	Concrete Laboratory Testing Technician - Level 1	ACI	1889913	04/04/2028	Full-Time
Albert Spichka	Concrete Strength Testing Technician	ACI	1889913	06/03/2027	Full-Time
Albert Spichka	Aggregate Base Testing Technician	ACI	1889913	04/04/2028	Full-Time
Albert Spichka	Aggregate Testing Technician - Level 1	ACI	1889913	04/04/2028	Part-Time
Albert Spichka	Concrete Field Testing Technician - Grade I	ACI	1889913	09/27/2029	Full-Time
Joseph Varella	Concrete Field Testing Technician - Grade I	ACI	1126743	05/04/2028	Part-Time
Test Technicians with expired license shall not be permitted to perform Tests.					



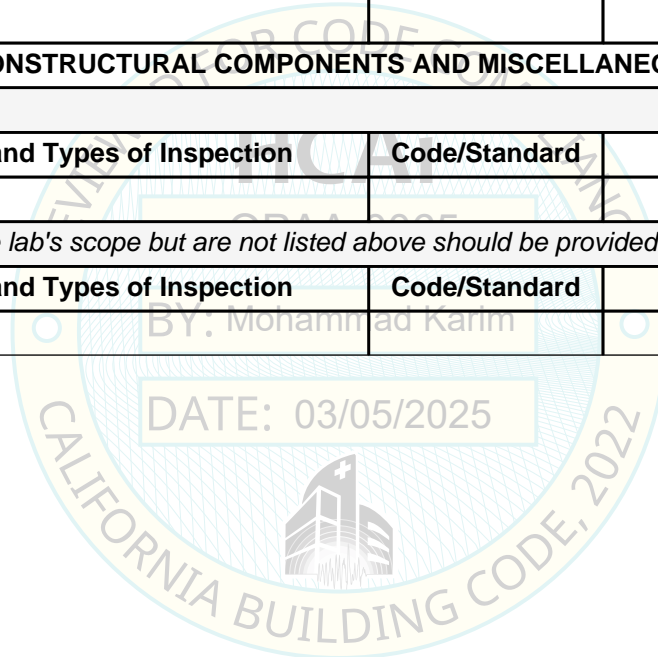
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 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 & 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		
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		
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
Besmellah Abdullahi	Spray Applied Fire Proofing Special Inspector	ICC	8906184	03/02/2026	Part-Time
Besmellah Abdullahi	Structural Masonry Special Inspector	ICC	8906184	02/08/2028	Part-Time
Besmellah Abdullahi	Master of Special Inspections	ICC	8906184	02/08/2028	Part-Time
Besmellah Abdullahi	Prestressed Concrete Special Inspector	ICC	8906184	02/08/2028	Part-Time
Besmellah Abdullahi	Structural Welding Special Inspector	ICC	8906184	08/26/2025	Part-Time
Besmellah Abdullahi	Reinforced Concrete Special Inspector	ICC	8906184	02/08/2028	Part-Time
Besmellah Abdullahi	Structural Steel and Bolting Special Inspector	ICC	8906184	02/08/2028	Part-Time
Mohammad Azizi	Structural Welding Special Inspector	ICC	8888015	01/18/2028	Part-Time
Mohammad Azizi	Spray Applied Fire Proofing Special Inspector	ICC	8888015	11/30/2025	Part-Time
Mohammad Azizi	Structural Masonry Special Inspector	ICC	8888015	01/18/2028	Part-Time
Mohammad Azizi	Prestressed Concrete Special Inspector	ICC	8888015	01/18/2028	Part-Time
Mohammad Azizi	Structural Steel and Bolting Special Inspector	ICC	8888015	01/18/2028	Part-Time
Mohammad Azizi	Reinforced Concrete Special Inspector	ICC	8888015	01/18/2028	Part-Time
Steven Brewster	Structural Steel and Welding Special Inspector - Legacy	ICC	856714	03/16/2027	Part-Time
Adam Lake	Structural Welding Special Inspector	ICC	5310029	02/21/2028	Part-Time
Adam Lake	Structural Steel and Bolting Special Inspector	ICC	5310029	02/21/2028	Part-Time
Adam Lake	Structural Masonry Special Inspector	ICC	5310029	02/21/2028	Part-Time

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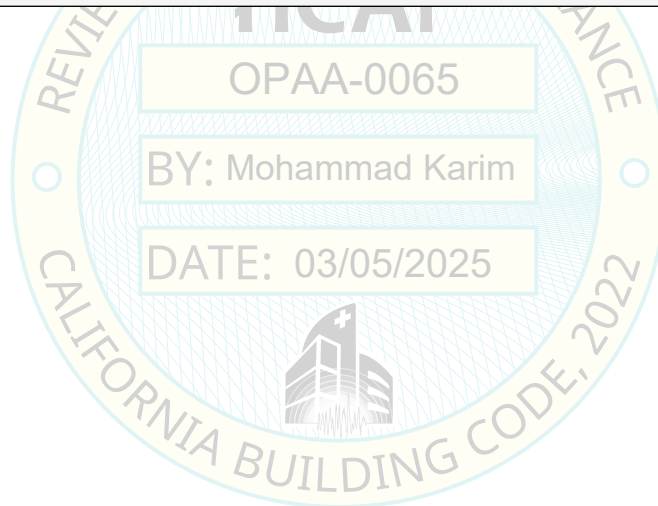
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14	SPECIAL INSPECTORS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Adam Lake	Spray Applied Fire Proofing Special Inspector	ICC	5310029	02/21/2028	Part-Time
Adam Lake	Reinforced Concrete Special Inspector Associate	ICC	5310029	02/21/2028	Part-Time
Adam Lake	Commercial Building Inspector	ICC	5310029	02/21/2028	Part-Time
Adam Lake	Certified Welding Inspector	AWS	05120031	12/01/2026	Part-Time
Vitality Naumchuk	Certified Welding Inspector	AWS	19110041	11/01/2025	Part-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
Post-Installed Anchors		High-Strength Bolts and other Fasteners
		Post-Installed Anchors
		Pre-Cast Concrete
		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: 03/05/2025
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 4/8/2025
Condition of approval (if applicable):		