



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-0025	
Approved Agency	City	County	State	ZIP Code
SOILS ENGINEERING, INC.	BAKERSFIELD	Kern	CA	93313
APPLICATION TYPE				
Combined Testing AND Special Inspection Agency				
APPLICANT INFORMATION				
Applicant Name Tony Frangie		Position in the Organization Vice President, Owner		
Agency's Local Name Soils Engineering, Inc.		Application Date 5/2/2025		
Phone Number (661) 831-5100		E-mail TONY@SOILSENGINEERING.COM		
Address of Facility Location (Each facility location requires separate application.)				
Street 4400 YEAGER WAY				
City BAKERSFIELD		County Kern	State CA	Zip Code 93313
Facility Mailing Address				
Street 4400 Yeager Way				
City Bakersfield		State CA	Zip Code 93313	
Key Agency Personnel				
Engineering Manager - Name Tony Frangie		CA Registration Number CE39549	Expiration Date 12/31/2025	
Title in the Organization Vice President, Owner		Phone Number (661) 831-5100		
Alternate Phone Number (661) 332-3200		E-Mail tony@soilsengineering.com		
Key Agency Personnel				
Alternate Engineering Manager - Name On Man Lau		CA Registration Number CE57398; GE2644	Expiration Date 12/31/2025	
Title in the Organization Engineering Manager		Phone Number (661) 831-5100		
Alternate Phone Number (661) 201-2773		E-Mail onman@soilsengineering.com		



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Key Agency Personnel

Geotechnical Engineering Contact - Name	CA Registration Number	Expiration Date
Title in the Organization	Phone Number	
Alternate Phone Number	E-Mail	

Key Testing Personnel

Testing Supervisor - Name Michael T Collins	CA Registration Number	Expiration Date
Title in the Organization Construction Materials Manager	Phone Number (661) 333-5155	
Alternate Phone Number	E-Mail mcollins@soilsengineering.com	

Key Testing Personnel

Field Testing Supervisor - Name Michael T Collins	CA Registration Number	Expiration Date
Title in the Organization Construction Materials Manager	Phone Number (661) 333-5155	
Alternate Phone Number	E-Mail mcollins@soilsengineering.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Michael T Collins	CA Registration Number	Expiration Date
Title in the Organization Construction Materials Manager	Phone Number (661) 333-5155	
Alternate Phone Number	E-Mail mcollins@soilsengineering.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Michael T Collins	CA Registration Number	Expiration Date
Title in the Organization Construction Materials Manager	Phone Number (661) 333-5155	
Alternate Phone Number	E-Mail mcollins@soilsengineering.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 10/24/2028

LEA # 46

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

- ☒ 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 D422	Particle Size Analysts	ASTM D2419	Sand Equivalent Value
ASTM D1140	No. 200 Wash	ASTM D2487	Classification of Soils
ASTM D1556	Density of Soils – Sand Cone	ASTM D3080	Direct Shear
ASTM D1557	Soil Compaction – Modified	ASTM D4318	Liquid I Plastic Limit
ASTM D2166	Unconfined Compressive Strength/Moisture content	ASTM D4829	Expansion Index
ASTM D2216	Water Content of Soil	ASTM D6938	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 A615	Tension Test	ASTM C143	Slump
ASTM A706	Tension and Bend	ASTM C173	Air Content (V)
ASTM C29	Unit Weight I Voids	ASTM C192	Making I Curing Specimens - Lab
ASTM C31	Concrete Sampling - Field	ASTM C231	Air Content (P)
ASTM C39	Compressive Strength	ASTM C495	Lightweight Concrete
ASTM C40	Organic Impurities	ASTM C566	Moisture Content of Aggregate
ASTM C42	Concrete Core	ASTM C567	Density of Lightweight Aggregate
ASTM C78	Flexural Strength	ASTM C617	Capping Concrete Specimens
ASTM C117	No. 200 Wash	ASTM C702	Reducing Aggregate Samples
ASTM C127	Specific Gravity - Coarse	ASTM C1064	Temperature
ASTM C128	Specific Gravity - Fine	ASTM C1231	Unbonded Caps
ASTM C131	Degradation of Aggregate	ASTM D75	Sampling Aggregate
ASTM C138	Density I Yield I Air Content	ASTM D2419	Sand Equivalent Value
ASTM C142	Clay I Friable Particles		

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 C39	Core Compressive Strength	ASTM C1019	Sampling and Testing Grout (Compressive Strength)
ASTM C140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	ASTM C1314	Compressive Strength of Masonry Prism
ASTM C426	Linear Drying Shrinkage	CBC 2105A	Core Shear
ASTM C780	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
Other		Other	
4		STEEL	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A370	Tension & Bend Test	ASTM E290	Bend Test
CBC 2203A	Material Identification	ASTM E605	Density of SFRM
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
5		WOOD AND ROOF ASSEMBLIES	
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
6		COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS	
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



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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
Saul Cardenas	Soils Nuclear Gauge	Troxler	EF9F52D848104B5E	03/11/2027	Full-Time
Michael Collins	Soils Nuclear Gauge	Troxler	5DEB168ADC4E968F	03/09/2027	Full-Time
Michael T Collins Jr	Concrete Field Testing Technician - Grade I	ACI	00071985	04/11/2030	Full-Time
Caleb Enos	Soils Nuclear Gauge	Troxler	E8E40825E8FF563C	03/05/2027	Full-Time
Caleb A Enos	Concrete Field Testing Technician - Grade I	ACI	02280909	04/12/2029	Full-Time
Matthew Fernald	Soils Nuclear Gauge	Troxler	60B7BA0AA44E9A29	02/25/2027	Full-Time
Matthew V Fernald	Concrete Field Testing Technician - Grade I	ACI	01225985	01/14/2027	Full-Time
Roger Garcia	Aggregate Testing Technician - Level 1	ACI	1897157	05/16/2030	Full-Time
Roger Garcia	Aggregate Base Testing Technician	ACI	1897157	08/13/2026	Full-Time
Dylan A Hamati	Concrete Strength Testing Technician	ACI	2099809	09/20/2026	Full-Time
Dylan A Hamati	Aggregate Base Testing Technician	ACI	2099809	02/03/2028	Full-Time
Dylan A Hamati	Aggregate Testing Technician - Level 1	ACI	2099809	12/15/2028	Full-Time
Andre Hughes	Soils Nuclear Gauge	Troxler	295C3595B2A319FD	11/22/2026	Full-Time
Salah Husein	Soils Nuclear Gauge	Troxler	D1DDD842FD5AB5DE	09/11/2026	Full-Time
Salah T Husein	Concrete Field Testing Technician - Grade I	ACI	1383415	12/10/2026	Full-Time
Andrew P Lucas	Masonry Laboratory Testing Technician	ACI	00142334	02/09/2029	Full-Time
Andrew P Lucas	Concrete Strength Testing Technician	ACI	00142334	04/12/2029	Full-Time
Andrew P Lucas	Concrete Field Testing Technician - Grade I	ACI	142334	04/24/2031	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
Andrew P Lucas	Concrete Laboratory Testing Technician - Level 1	ACI	142334	04/12/2029	Full-Time
Andrew P Lucas	Aggregate Testing Technician - Level 1	ACI	142334	03/25/2027	Full-Time
Andrew P Lucas	Aggregate Base Testing Technician	ACI	142334	02/04/2027	Full-Time
Eric McKethan	Soils Nuclear Gauge	Troxler	16749A2A6FF0D09 F	03/05/2027	Full-Time
Eric Mckethan Jr	Concrete Field Testing Technician - Grade I	ACI	02093874	03/27/2031	Full-Time
Jose Rivera	Soils Nuclear Gauge	Troxler	7934DAFCAEC5B6 AE	05/04/2027	Full-Time
Jose A Rivera	Concrete Field Testing Technician - Grade I	ACI	2162674	03/04/2027	Full-Time
Jose A Rivera	Masonry Field Testing Technician	ACI	2162674	09/11/2026	Full-Time
Visente Simental	Soils Nuclear Gauge	Troxler	DB5264AA14B2635 7	09/24/2026	Full-Time
Steve Stanley	Soils Nuclear Gauge	Troxler	3F1BDBE4C265039 F	06/26/2027	Full-Time
Steve J Stanley	Concrete Field Testing Technician - Grade I	ACI	973792	03/31/2028	Full-Time
Victor Suarez	Soils Nuclear Gauge	Troxler	C632643645A1E54 3	03/09/2027	Full-Time
Victor M Suarez	Concrete Field Testing Technician - Grade I	ACI	02280914	04/12/2029	Full-Time
Kevin Wall	Soils Nuclear Gauge	Troxler	4DF5BF9F26B222D 3	03/06/2027	Full-Time
Kevin E Wall	Masonry Field Testing Technician	ACI	56382	05/12/2028	Full-Time
Kevin E Wall	Concrete Field Testing Technician - Grade I	ACI	56382	11/15/2029	Full-Time
Mike Watts	Soils Nuclear Gauge	Troxler	0AE1CE26C239243 A	03/31/2029	Full-Time
Stewart Whittier	Soils Nuclear Gauge	Troxler	BEBF441BBF4886D 1	06/25/2027	Full-Time

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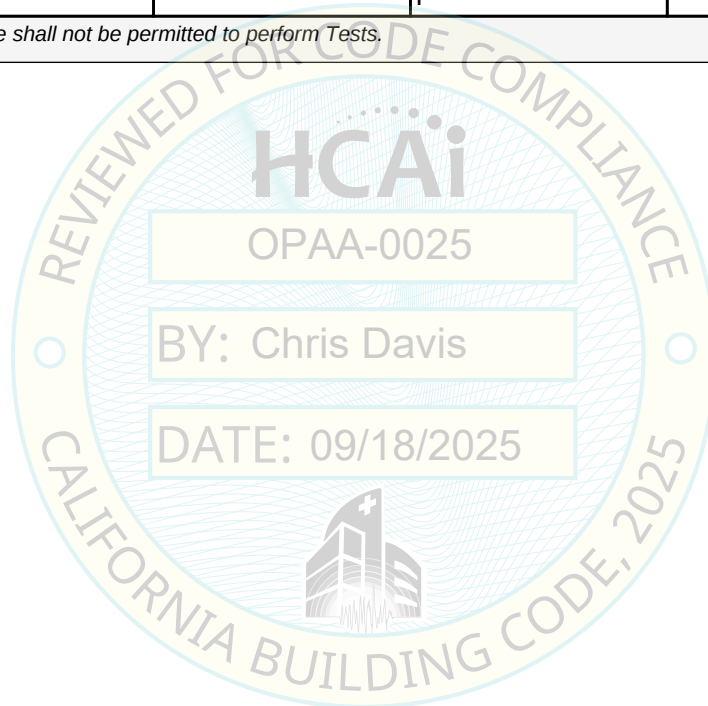
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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Stewart H Whittier Jr	Concrete Field Testing Technician - Grade I	ACI	1292211	04/12/2029	Full-Time
Luke E Winder	Aggregate Base Testing Technician	ACI	2108981	12/02/2027	Full-Time
Luke E Winder	Aggregate Testing Technician - Level 1	ACI	2108981	06/23/2028	Full-Time
Juan Zavala	Soils Nuclear Gauge	Troxler	F5848C21DF873EB F	03/06/2027	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					





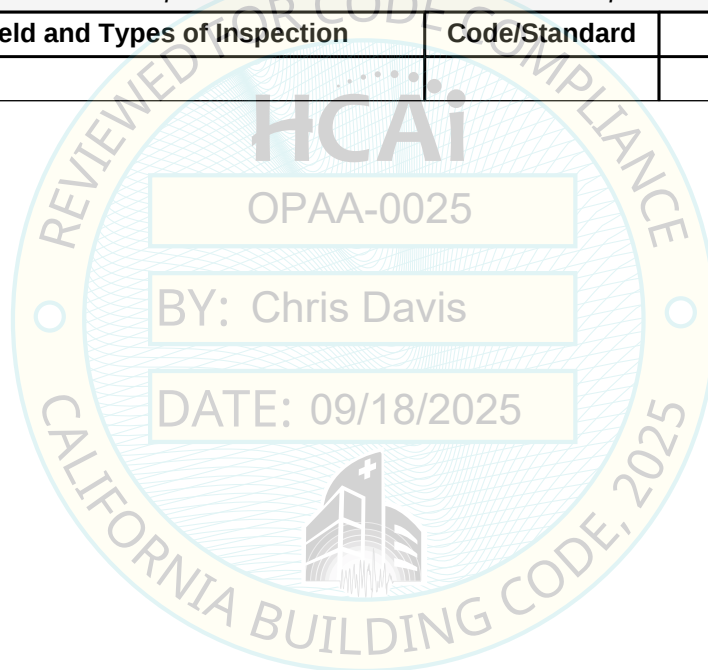
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 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 & ACI 318	Reinforced Cast-In-Place 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	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
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
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
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
Michelle D'Andrea	Spray Applied Fire Proofing Special Inspector	ICC	8390907	07/22/2028	Full-Time
Michelle D'Andrea	Structural Steel and Bolting Special Inspector	ICC	8390907	07/22/2028	Full-Time
Michelle Kathleen D'Andrea	Certified Welding Inspector	AWS	10091511	09/01/2028	Full-Time
Andre Hughes	Structural Steel and Bolting Special Inspector	ICC	8096383	11/20/2027	Full-Time
Andre J Hughes	Certified Welding Inspector	AWS	3040941	04/01/2027	Full-Time
Eric McKethan	Structural Masonry Special Inspector	ICC	10087824	06/18/2029	Full-Time
Eric McKethan	Soils Special Inspector	ICC	10087824	06/18/2029	Full-Time
Jose Ornelas	Certified Welding Inspector	AWS	01041361	04/01/2028	Part-Time
Jose Rivera	Certified Masonry Special Inspector	DSA	6548	05/01/2028	Full-Time
Jose a Rivera	Structural Masonry Special Inspector	ICC	9665555	02/07/2029	Full-Time
Jose a Rivera	Structural Steel and Bolting Special Inspector	ICC	9665555	02/07/2029	Full-Time
Jose a Rivera	Reinforced Concrete Special Inspector	ICC	9665555	02/07/2029	Full-Time
Jose a Rivera	Soils Special Inspector	ICC	9665555	02/07/2029	Full-Time
Steve Stanley	Certified Masonry Special Inspector	DSA	5920	02/01/2028	Full-Time
Steve Stanley	Structural Masonry Special Inspector	ICC	5029778	01/26/2029	Full-Time
Steve Stanley	Soils Special Inspector	ICC	5029778	04/11/2027	Full-Time
Steve Stanley	Reinforced Concrete Special Inspector	ICC	5029778	10/07/2027	Full-Time
Kevin Wall	Soils Special Inspector	ICC	8273483	02/16/2028	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		Deep Foundations
Masonry		Earthwork
Post-Installed Anchors		High-Strength Bolts and other Fasteners
Reinforcing Steel		Masonry
Soil		Post-Installed Anchors
Steel		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:	Chris Davis	Approval Date: 09/18/2016
Title:	District Structural Engineer	Approval Expiration Date: 10/24/2028
Condition of approval (if applicable):		