



**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-0019			

Approved Agency	City	County	State	ZIP Code
BSK ASSOCIATES	BAKERSFIELD	Kern	CA	93314

APPLICATION TYPE

Combined Testing **AND** Special Inspection Agency

APPLICANT INFORMATION

Applicant Name Santiago Espinoza	Position in the Organization CSD Group Manager
Agency's Local Name BSK Associates	Application Date 3/26/2025

Phone Number (661) 327-0671	E-mail SESPINOZA@BSKASSOCIATES.COM
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Address of Facility Location *(Each facility location requires separate application.)*

Street
4820 ROSEDALE LANE

City BAKERSFIELD	County Kern	State CA	Zip Code 93314
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Facility Mailing Address

Street
4820 Rosedale Lane

City Bakersfield	State CA	Zip Code 93314
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Key Agency Personnel

Engineering Manager - Name Santiago Espinoza	CA Registration Number CE83299	Expiration Date 03/31/2027
Title in the Organization CSD Group Manager	Phone Number (661) 327-0671	
Alternate Phone Number (661) 860-2703	E-Mail sespinoza@bskassociates.com	

Key Agency Personnel

Alternate Engineering Manager - Name Adam X Terronez	CA Registration Number C62285	Expiration Date 09/30/2025
Title in the Organization Branch Manager	Phone Number (661) 327-0671	
Alternate Phone Number (661) 282-6347	E-Mail aterronez@bskassociates.com	





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Key Agency Personnel		
Geotechnical Engineering Contact - Name Adam X Terronez	CA Registration Number GE2709	Expiration Date 9/30/2025
Title in the Organization Bakersfield Branch Manager	Phone Number (661) 327-0671	
Alternate Phone Number (661) 282-6347	E-Mail aterronez@bskassociates.com	

Key Testing Personnel		
Testing Supervisor - Name Ian Remotigue	CA Registration Number	Expiration Date
Title in the Organization Engineering Laboratory Manager	Phone Number (661) 369-6175	
Alternate Phone Number (661) 327-0671	E-Mail iremotigue@bskassociates.com	

Key Testing Personnel		
Field Testing Supervisor - Name Santiago Espinoza	CA Registration Number CE83299	Expiration Date 03/31/2027
Title in the Organization Engineering Laboratory Assistant Manager	Phone Number (661) 327-0671	
Alternate Phone Number (661) 860-2703	E-Mail sespinoza@bskassociates.com	

Key Special Inspections Personnel		
Special Inspection Supervisor - Name Santiago Espinoza	CA Registration Number C82399	Expiration Date 03/31/2027
Title in the Organization CSD Group Manager	Phone Number (661) 327-0671	
Alternate Phone Number (661) 860-2703	E-Mail sespinoza@bskassociates.com	

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name Sergio Zamora	CA Registration Number	Expiration Date
Title in the Organization Special Inspector	Phone Number (661) 979-0369	
Alternate Phone Number (661) 327-0671	E-Mail szamora@bskassociates.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 12/25/2025 LEA # 036

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
- IAS AC 291: Accreditation Criteria for Special Inspection Agency

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		
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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 2216	Water Content of Soil
ASTM D 2419	Sand Equivalent Value	ASTM D 2487	Classification of Soils
ASTM D 2488	Identification of Soil (Visual)	ASTM D 2844	Resistance R-Value & Exp. Pressure
ASTM D 3744	Durability Index	ASTM D 421	Dry Prep of Soil
ASTM D 4318	Liquid I Plastic Limit	ASTM D 4829	Expansion Index
ASTM D 6938	Density of Soils – Nuclear Gage	ASTM D 698	Compaction of Soil-Standard

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 142	Clay I Friable Particles
ASTM C 143	Slump	ASTM C 172	Sampling Freshly Mixed Concrete
ASTM C 173	Air Content (V)	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 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 D 2041	Maximum Theo. Specific Gravity
ASTM D 2419	Sand Equivalent Value	ASTM D 2726	Specific Gravity of Marshall Sample
ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures	ASTM D 5444	Sieve Analysis of Extracted Aggregate
ASTM D 6307	Asphalt Content by Ignition	ASTM D 6926	Prep of Asphalt Mixture Specimens Using Marshal Apparatus
ASTM D 6927	Marshall Stability & Flow of Asphalt Mixtures	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.

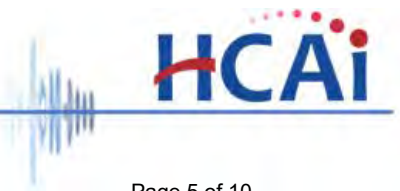
Standard	Test Procedure	Standard	Test Procedure





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3		MASONRY	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 39	Core 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 C140 - Absorption, compressive strength, Unit weight, Dimension & Moisture content		
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
Andrew Bartole	Aggregate Testing Technician - Level 1	ACI	1398180	05/20/2027	Full-Time
Andrew Bartole	Aggregate Base Testing Technician	ACI	1398180	09/14/2027	Full-Time
Santiago Espinoza	Civil	Registered Design Professional	83299	03/31/2027	Full-Time
Santiago Espinoza	Masonry Field Testing Technician	ACI	1203939	09/16/2027	Full-Time
Santiago Espinoza	Concrete Field Testing Technician - Grade I	ACI	1203939	04/23/2026	Full-Time
Jesus Flores	Concrete Field Testing Technician - Grade I	ACI	01133294	06/23/2028	Full-Time
Crystal Irving	Concrete Field Testing Technician - Grade I	ACI	02072730	04/07/2026	Full-Time
Edgar Lopez	Concrete Field Testing Technician - Grade I	ACI	01403049	10/28/2027	Full-Time
Dante Major	Concrete Field Testing Technician - Grade I	ACI	01387712	01/28/2027	Full-Time
Ian Remotigue	Concrete Laboratory Testing Technician - Level 1	ACI	1395368	10/14/2027	Full-Time
Ian Remotigue	Aggregate Testing Technician - Level 1	ACI	1395368	12/10/2026	Full-Time
Ian Remotigue	Masonry Laboratory Testing Technician	ACI	1395368	04/08/2027	Full-Time
Ian Remotigue	Concrete Strength Testing Technician	ACI	01395368	10/14/2027	Full-Time
Ian Remotigue	Concrete Field Testing Technician - Grade I	ACI	01395368	08/15/2027	Full-Time
Ian Remotigue	Aggregate Base Testing Technician	ACI	01395368	09/14/2027	Full-Time
Sergio Zamora	Concrete Field Testing Technician - Grade I	ACI	2306506	02/21/2030	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)		

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 & 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	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

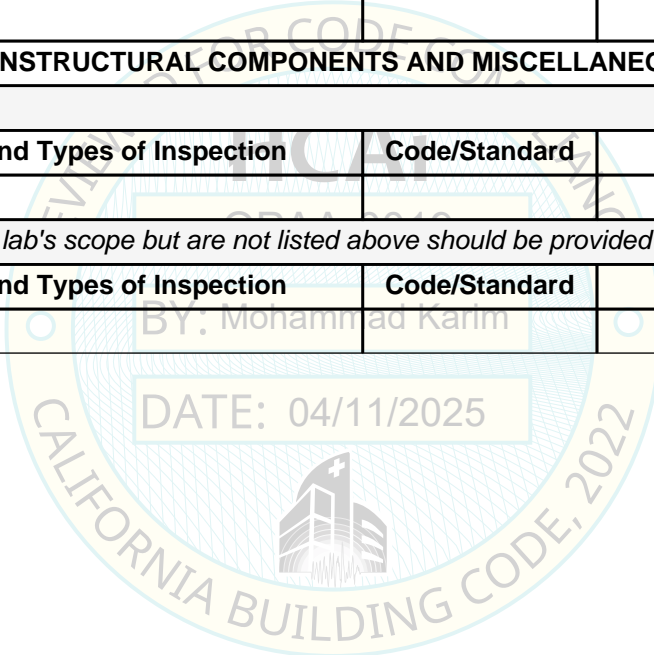
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts
CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding		





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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
James Auser	Post-Installed Concrete Anchor Installation Inspector	ACI	933157	05/05/2029	Full-Time
James Auser	Prestressed Concrete Special Inspector - Legacy	ICC	881927	09/01/2026	Full-Time
Santiago Espinoza	Reinforced Concrete Special Inspector	ICC	8160129	05/04/2026	Full-Time
Santiago Espinoza	Civil Engineer	Registered Design Professional	83299	03/31/2027	Full-Time
Jesus Flores	Soils Special Inspector	ICC	8717025	02/16/2026	Full-Time
Edgar Lopez	Soils Special Inspector	ICC	9606476	07/25/2025	Full-Time
Neil McConnell	Engineering Geologist	Registered Design Professional	2528	07/31/2026	Full-Time
Neil McConnell	Structural Masonry Special Inspector	ICC	8889421	02/01/2026	Full-Time
Neil McConnell	Structural Steel and Bolting Special Inspector	ICC	8889421	02/01/2026	Full-Time
Neil McConnell	Reinforced Concrete Special Inspector	ICC	8889421	02/01/2026	Full-Time
Daniel Palmer	Reinforced Concrete Special Inspector	ICC	8000178	03/15/2027	Full-Time
Daniel Palmer	Spray Applied Fire Proofing Special Inspector	ICC	8000178	03/15/2027	Full-Time
Nathan Stoll	Structural Steel and Bolting Special Inspector	ICC	8469032	01/15/2026	Full-Time
Nathan Stoll	Certified Welding Inspector	AWS	14040013	04/01/2026	Full-Time
Sergio Zamora Torres	Certified Welding Inspector	AWS	21107501	10/01/2027	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	
Masonry	Earthwork	
Post-Installed Anchors	High-Strength Bolts and other Fasteners	
Soil	Masonry	
	Reinforced Concrete	
	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:	<u>Mohammad Karim</u>	Approval Date:	<u>04/11/2025</u>
Title:	<u>Supervisor, Health Facilities Review</u>	Approval Expiration Date:	<u>12/25/2025</u>
<p>Condition of approval (if applicable):</p> <p style="text-align: center;">BY: Mohammad Karim</p> <p style="text-align: center;">DATE: 04/11/2025</p>			

