



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-0073		
Approved Agency	City	County	State	ZIP Code
EARTH SYSTEMS PACIFIC	HOLLISTER	San Benito	CA	95023
APPLICATION TYPE				
Combined Testing AND Special Inspection Agency				
APPLICANT INFORMATION				
Applicant Name Mohammad Khodadadi		Position in the Organization Engineering Manager		
Agency's Local Name Earth Systems Pacific		Application Date 8/27/2026		
Phone Number (831) 637-2133		E-mail AMIR@EARTHSYSTEMS.COM		
Address of Facility Location (Each facility location requires separate application.)				
Street 500 PARK CENTER DRIVE, SUITE 1				
City HOLLISTER		County San Benito	State CA	Zip Code 95023
Facility Mailing Address				
Street 500 Park Center Drive, Suite 1				
City Hollister		State CA	Zip Code 95023-0558	
Key Agency Personnel				
Engineering Manager - Name Mohammad Khodadadi		CA Registration Number C87298	Expiration Date 09/30/2027	
Title in the Organization Engineering Manager		Phone Number (831) 637-2133		
Alternate Phone Number		E-Mail amir@earthsystems.com		
Key Agency Personnel				
Alternate Engineering Manager - Name Ajay Singh		CA Registration Number C53647	Expiration Date 06/30/2027	
Title in the Organization Principal Engineer		Phone Number (510) 353-3833		
Alternate Phone Number		E-Mail asingh@earthsystems.com		

"A healthier California where all receive equitable, affordable, and quality health care"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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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 Ethan Sanchez	CA Registration Number	Expiration Date
Title in the Organization Laboratory Supervisor	Phone Number (831) 637-2133	
Alternate Phone Number	E-Mail esanchez@earthsystems.com	

Key Testing Personnel

Field Testing Supervisor - Name Xyrus Mejia	CA Registration Number	Expiration Date
Title in the Organization Field Testing Supervisor	Phone Number (510) 766-2873	
Alternate Phone Number	E-Mail xmejia@earthsystems.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Xyrus Mejia	CA Registration Number	Expiration Date
Title in the Organization Field Testing Supervisor	Phone Number (510) 766-2873	
Alternate Phone Number	E-Mail xmejia@earthsystems.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Xyrus Mejia	CA Registration Number	Expiration Date
Title in the Organization Field Testing Supervisor	Phone Number (510) 766-2873	
Alternate Phone Number	E-Mail xmejia@earthsystems.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 10/18/2030

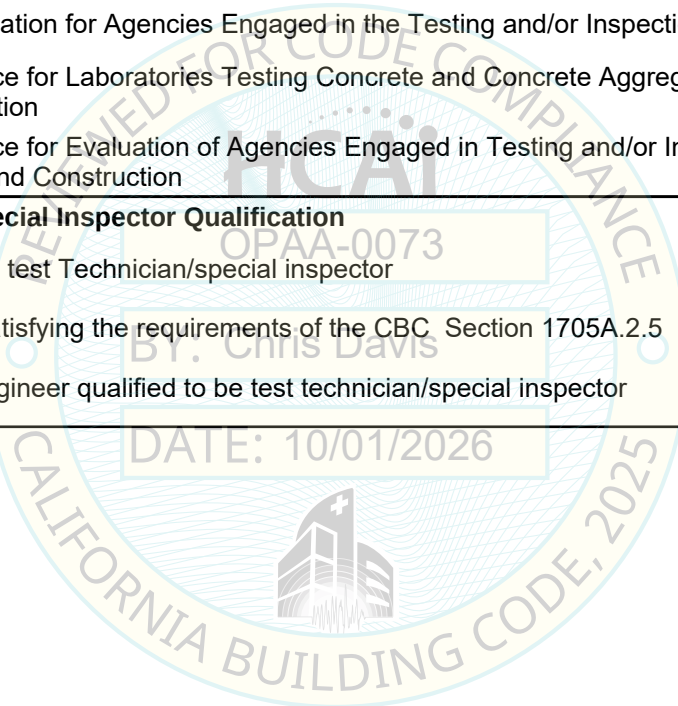
LEA # 155

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 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
- ☒ 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 D421	Dry Prep of Soil	ASTM D2216	Water Content of Soil
ASTM D422	Particle Size Analysts	ASTM D4318	Liquid I Plastic Limit
ASTM D698	Compaction of Soil-Standard	ASTM D4718	Oversize Rock Correction
ASTM D1140	No. 200 Wash	ASTM D6938	Density of Soils – Nuclear Gage
ASTM D1557	Soil Compaction – Modified		

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 C31	Concrete Sampling - Field	ASTM C231	Air Content (P)
ASTM C39	Compressive Strength	ASTM C511	Moist Cure Rooms/Tanks
ASTM C42	Concrete Core	ASTM C617	Capping Concrete Specimens
ASTM C138	Density I Yield I Air Content	ASTM C1064	Temperature
ASTM C143	Slump	ASTM C1231	Unbonded Caps
ASTM C172	Sampling Freshly Mixed Concrete	ASTM C1542	Measuring Length of Cores
ASTM C173	Air Content (V)		

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

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

4	STEEL
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Tests

Standard	Test Procedure	Standard	Test Procedure



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4	STEEL		
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
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

BY: Chris Davis

DATE: 10/01/2026



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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
Antonio D Hernandez Abrego	Concrete Field Testing Technician - Grade I	ACI	01643857	10/25/2029	Full-Time
Angelee Castro	Soils Nuclear Gauge	APNGA	72925-175-432-4688	08/04/2028	Full-Time
Ernesto J Salceda Ceja	Concrete Field Testing Technician - Grade I	ACI	2315293	12/06/2029	Full-Time
Sheridan H Gage	Concrete Field Testing Technician - Grade I	ACI	1376476	06/03/2031	Full-Time
Justin Hall	Soils Nuclear Gauge	APNGA	62785-171-720-0814	06/01/2027	Full-Time
Mohammad Khodadadi	Civil Engineer	Registered Design Professional	C87298	09/30/2027	Full-Time
Christopher Lee	Soils Nuclear Gauge	APNGA	100494-178-415-0287	07/15/2029	Full-Time
Christopher K Lee	Concrete Field Testing Technician - Grade I	ACI	02414754	06/16/2031	Full-Time
Robert Mallory	Soils Nuclear Gauge	APNGA	87709-178-862-0249	09/05/2029	Full-Time
Robert Mallory	Concrete Field Testing Technician - Grade I	ACI	01016890	09/23/2027	Full-Time
Xyrus Mejia	Soils Nuclear Gauge	APNGA	87708-178-656-9530	08/12/2029	Full-Time
Xyrus Mejia	Concrete Field Testing Technician - Grade I	ACI	1071019	04/15/2031	Full-Time
Mollie Moniz	Soils Nuclear Gauge	APNGA	66943-173-592-6215	01/03/2028	Full-Time
Angel Perez	Soils Nuclear Gauge	APNGA	95285-176-945-6887	01/26/2029	Full-Time
Erick Rosado	Soils Nuclear Gauge	APNGA	62784-171-744-7832	06/03/2027	Full-Time
Erick Rosado	Concrete Field Testing Technician - Grade I	ACI	2293743	07/19/2029	Full-Time
Francisco Salceda	Soils Nuclear Gauge	APNGA	44724-173-852-2893	02/02/2028	Full-Time



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7	TEST TECHNICIANS				
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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
Francisco Salceda	Concrete Field Testing Technician - Grade I	ACI	1147721	03/08/2029	Full-Time
Ernesto Salceda Ceja	Soils Nuclear Gauge	APNGA	66276-174-894-3742	06/03/2028	Full-Time
Ethan E Sanchez	Masonry Laboratory Testing Technician	ACI	02123406	01/15/2031	Full-Time
Ethan E Sanchez	Concrete Strength Testing Technician	ACI	02123406	10/10/2030	Full-Time
Ethan E Sanchez	Aggregate Testing Technician - Level 1	ACI	02123406	06/20/2030	Full-Time
Ethan E Sanchez	Concrete Laboratory Testing Technician - Level 1	ACI	02123406	06/20/2030	Full-Time
Ethan E Sanchez	Concrete Field Testing Technician - Grade I	ACI	02123406	11/11/2027	Full-Time
Stephen M Sommerfeld	ASNT NDT Level III - Ultrasonic Testing	ASNT	209097	10/31/2030	Consultant
Stephen M Sommerfeld	ASNT NDT Level III - Magnetic Particle Testing	ASNT	209097	10/31/2030	Consultant
Manuel Villa - Alvarado	Concrete Field Testing Technician - Grade I	ACI	2339381	07/13/2030	Full-Time
Manuel Villa Alvarado	Soils Nuclear Gauge	APNGA	65215-173-386-8201	12/10/2027	Full-Time
Deborah Z White	Concrete Field Testing Technician - Grade I	ACI	1182045	11/12/2026	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					



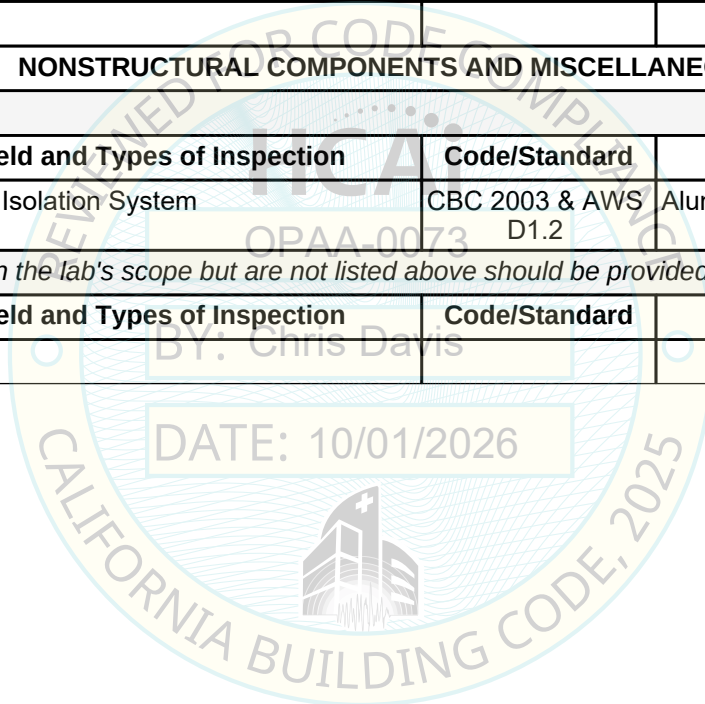
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 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 & 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
CBC 1705/1705A	Seismic Isolation System	CBC 2003 & AWS D1.2	Aluminum/Aluminum Welding
<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
Sheridan Gage	Structural Steel and Bolting Special Inspector	ICC	8715171	09/09/2029	Full-Time
Sheridan Gage	Reinforced Concrete Special Inspector	ICC	8715171	11/03/2027	Full-Time
Sheridan Gage	Structural Masonry Special Inspector	ICC	8715171	09/05/2028	Full-Time
Sheridan Gage	Certified Welding Inspector (CWI)	AWS	18102281	10/01/2027	Full-Time
Sheridan Gage	Master of Special Inspection	ICC	8715171	11/03/2027	Full-Time
Josh Hanley	Structural Steel and Bolting Special Inspector	ICC	9900764	09/15/2028	Full-Time
Josh Hanley	Spray Applied Fire Proofing Special Inspector	ICC	9900764	05/06/2028	Full-Time
Josh Hanley	Structural Welding Special Inspector	ICC	9900764	09/15/2028	Full-Time
Josh Hanley	Commercial Building Inspector	ICC	9900764	08/22/2028	Full-Time
Joshua Hanley	Certified Welding Inspector (CWI)	AWS	17041191	04/01/2029	Full-Time
Mohammad Khodadadi	Civil Engineer	Registered Design Professional	C87298	09/30/2027	Full-Time
Mohammad Khodadadi	Structural Steel and Bolting Special Inspector	ICC	8169783	02/28/2028	Full-Time
Mohammad Khodadadi	Structural Masonry Special Inspector	ICC	8169783	02/28/2028	Full-Time
Mohammad Khodadadi	Spray Applied Fire Proofing Special Inspector	ICC	8169783	02/28/2028	Full-Time
Mohammad Khodadadi	Reinforced Concrete Special Inspector	ICC	8169783	02/28/2028	Full-Time
Mohammad Khodadadi	Prestressed Concrete Special Inspector	ICC	8169783	02/28/2028	Full-Time
Christopher Lee	Structural Welding Special Inspector	ICC	10546577	02/26/2029	Full-Time



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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
Christopher Lee	Structural Steel and Bolting Special Inspector	ICC	10546577	07/27/2028	Full-Time
Christopher Lee	Spray Applied Fire Proofing Special Inspector	ICC	10546577	08/03/2029	Full-Time
Xyrus Mejia	Spray Applied Fire Proofing Special Inspector	ICC	8408840	03/30/2028	Full-Time
Xyrus Mejia	Structural Steel and Bolting Special Inspector	ICC	8408840	05/17/2027	Full-Time
Xyrus Mejia	Certified Pneumatically Placed Concrete Inspector (Shotcrete)	DSA	6339	11/01/2029	Full-Time
Xyrus Mejia	Certified Masonry Special Inspector	DSA	6325	10/01/2030	Full-Time
Xyrus Mejia	Structural Masonry Special Inspector	ICC	8408840	02/21/2028	Full-Time
Xyrus Mejia	Prestressed Concrete Special Inspector	ICC	8408840	04/20/2027	Full-Time
Xyrus Mejia	Reinforced Concrete Special Inspector	ICC	8408840	06/28/2027	Full-Time
Francisco Salceda	Structural Masonry Special Inspector	ICC	8228337	03/25/2027	Full-Time
Francisco Salceda	Reinforced Concrete Special Inspector	ICC	8228337	06/04/2028	Full-Time
Stephen Sommerfeld	Structural Masonry Special Inspector	ICC	1091569	07/01/2028	Consultant
Stephen Sommerfeld	Structural Steel & Welding Spec Insp - Legacy	ICC	1091569	07/01/2028	Consultant
Stephen Sommerfeld	Spray Applied Fire Proofing Special Inspector	ICC	1091569	07/01/2028	Consultant
Stephen M Sommerfeld	Certified Welding Inspector (CWI)	AWS	97100221	10/01/2027	Consultant
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
Concrete		Aluminum/Aluminum Welding
Masonry		Base Isolators
Non-Destructive Testing (NDT)		Batch Plant
Post-Installed Anchors		Deep Foundations
Soil		Earthwork
		High-Strength Bolts and other Fasteners
		Masonry
		Post-Installed Anchors
		Pre-Cast Concrete
		Pre-Stressed Concrete
		Reinforced Concrete
		Shotcrete
		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 DATE: 10/01/2026 (For Office Use Only)		
Print Name:	Chris Davis	Approval Date: 10/01/2026
Title:	District Structural Engineer	Approval Expiration Date: 10/18/2030
Condition of approval (if applicable):		