



**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-0078		

Approved Agency	City	County	State	ZIP Code
TESTING ENGINEERS, INC.	SAN LEANDRO	Alameda	CA	94577

APPLICATION TYPE

Testing Agency ONLY

APPLICANT INFORMATION

Applicant Name John Anzaldo	Position in the Organization Quality Assurance Manager
Agency's Local Name Testing Enigneers, Inc.	Application Date 7/5/2023

Phone Number (510) 835-3142	E-mail JOHNA@TESTING-ENGINEERS.COM
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Address of Facility Location *(Each facility location requires separate application.)*

Street
2811 TEAGARDEN ST.

City SAN LEANDRO	County Alameda	State CA	Zip Code 94577
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Facility Mailing Address

Street
2811 Teagarden St.

City San Leandro	State CA	Zip Code 94577-
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Key Agency Personnel

Engineering Manager - Name Colin R Stock	CA Registration Number C73980	Expiration Date 06/30/2025
Title in the Organization Engineering Manager	Phone Number (510) 835-3142	
Alternate Phone Number	E-Mail colin.stock@testing-engineers.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	CA Registration Number	Expiration Date
Title in the Organization	Phone Number	
Alternate Phone Number	E-Mail	

Key Testing Personnel		
Testing Supervisor - Name Dan Watanabe	CA Registration Number	Expiration Date
Title in the Organization Materials Testing Division Manager	Phone Number (510) 835-3142	
Alternate Phone Number	E-Mail danw@testing-engineers.com	

Key Testing Personnel		
Field Testing Supervisor - Name Colin Stock	CA Registration Number C73980	Expiration Date 06/30/2025
Title in the Organization Engineering Manager	Phone Number (123) 456-7890	
Alternate Phone Number	E-Mail colin.stock@testing-engineers.com	

Key Special Inspections Personnel		
Special Inspection Supervisor - Name	CA Registration Number	Expiration Date
Title in the Organization	Phone Number	
Alternate Phone Number	E-Mail	

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name	CA Registration Number	Expiration Date
Title in the Organization	Phone Number	
Alternate Phone Number	E-Mail	





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ACCREDITATION AND QUALIFICATIONS

Agency currently holds accreditation by: *(Attach a copy of current accreditation details.)*

AASHTO Accreditation Program (AAP)
International Accreditation Service (IAS)

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 12/06/2027 LEA # 033

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

Basis for Test Technician/Special Inspector Qualification

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

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

Tests

Standard	Test Procedure	Standard	Test Procedure
ASTM A 615	Tension Test; see Table 4(d)	ASTM A 706	Tension and Bend; see Table 4 (d)
ASTM A 970	Headed Steel Bars - Bend	ASTM C 1064	Temperature
ASTM C 1231	Unbonded Caps	ASTM C 138	Density Yield Air Content
ASTM C 143	Slump	ASTM C 157	Length Change
ASTM C 172	Sampling Freshly Mixed Concrete	ASTM C 173	Air Content (V)
ASTM C 192	Making Curing Specimens - Lab	ASTM C 231	Air Content (P)
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 567	Density of Lightweight Aggregate	ASTM C 617	Capping Concrete Specimens
ASTM C 78	Flexural Strength	ASTM D 3039	Tensile Strength of FRP
ASTM D7565	Determining Tensile Properties of FRP Matrix Composites Used for Strengthening of Civil Structures	ASTM E 488	Strength of Anchors in Concrete Elements
ICC-ES AC 398	Cold Formed Steel Connectors in Concrete for Light-Frame Construction	ICC-ES AC 399	Cast-in-Place Bolts in Concrete for Light-Frame Construction

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	ASTM C109 Standard Test Method for Comprehensive Strength of Hydraulic Cement Mortars	Other	ASTM C469 Standard Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression
Other	ASTM C512/C512M Standard test method for creep of concrete in compression	Other	ICC-ES AC125 Concrete and reinforced and unreinforced masonry strengthening using externally bonded fiber-reinforced polymer (FRP) composite systems (test method referenced in only sections 5.2, 5.4, 5.5.1, 5.5.2, 5.6, 5.7, 5.8 and 5.17)
Other	ICC-ES AC51 Precast stone veneer (test methods referenced in section 4.0)		





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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 780	Mortar Compressive Strength	CBC 2105A	Core Shear
<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	1997 UBC 21-7: Tests of anchors in unreinforced masonry walls	Other	ASTM C170/C170M: Standard test method for compressive strength of dimension stone
Other	ASTM C97/C97M: Standard test methods for absorption and bulk specific gravity of dimension stone	Other	ASTM C99: Standard test method for modulus of rupture of dimension stone
4		STEEL	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A 1061	Uncoated Seven-Wire Tension	ASTM A 370	Tension & Bend Test
ASTM A 90	Weight of Coating	ASTM E 10	Brinell Hardness
ASTM E 1444	Magnetic Particle	ASTM E 164	Ultrasonic
ASTM E 165	Liquid Penetrant	ASTM E 18	Rockwell Hardness
ASTM E 190	Guided Bend	ASTM E 23	Charpy V - Notch
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
Other	ASTM A1034: Standard test method for testing mechanical splices for steel reinforcing bars	Other	ASTM E384: Standard Test Method for Microindentation Hardness of Materials
Other	ASTM E8: Standard Test Methods for Tension Testing of Metallic Materials	Other	AWS D1.1: Structural welding code – steel, except RT
Other	AWS D1.3: Structural welding code – sheet steel	Other	AWS D1.4: Structural welding code – reinforcing steel, except RT
Other	AWS D1.6: Structural welding code – stainless steel, except RT	Other	AWS D1.8: Structural welding code – seismic supplement, except RT
Other	California Test Method 670: Method of tests for mechanical and welded reinforcing steel splices		
5		WOOD AND ROOF ASSEMBLIES	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ICC-ES AC 130	Wood Shear Panels	ICC-ES AC 155	Hold-Down for Woods





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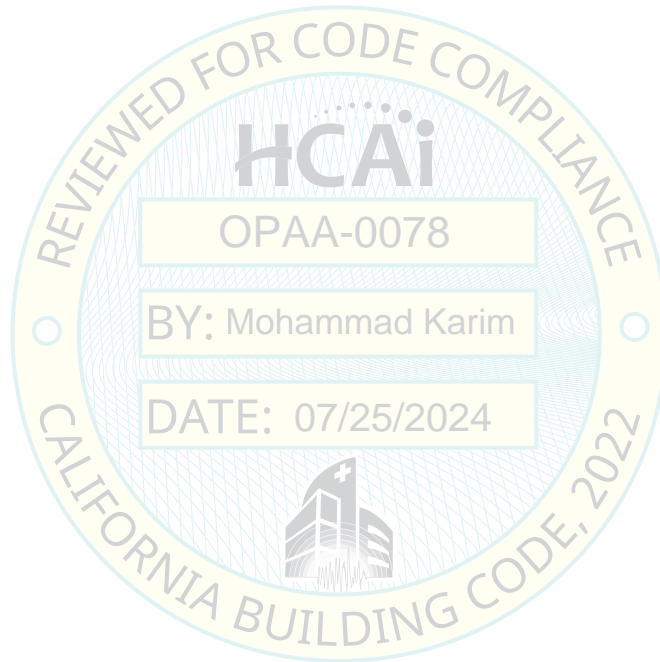
5		WOOD AND ROOF ASSEMBLIES	
Tests			
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Standard	Test Procedure	Standard	Test Procedure
Other	ANSI TPI 1 National design standard for metal plate connected wood truss construction (chapter 5)	Other	ASTM D1761 Standard Test Methods for Mechanical Fasteners in Wood and Wood-Based Materials
Other	ASTM D4761 Standard test methods for mechanical properties of lumber and wood-base structural material	Other	ASTM E455 Standard Test Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings
Other	CSA S347-14 Method of test for evaluation of truss plates used in lumber joints	Other	ICC-ES AC120 Wood-frame horizontal diaphragms, vertical shear walls and braced walls with alternative fasteners (test methods referenced in section 4.0)
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
Other	AAMA 501.2: Quality assurance and diagnostic water leakage field check of installed storefronts, curtain walls and sloped glazing systems.	Other	ASTM D4444 Standard test method for laboratory standardization and calibration of hand-held moisture meters
Other	ASTM D7147: Standard Specification for Testing and Establishing Allowable Loads of Joist Hangers	Other	ASTM E1105: Standard test method for field determination of water penetration of installed exterior windows, skylights, doors, and curtain walls, by uniform of cyclic static air pressure difference.
Other	ASTM E455: Standard Test Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings	Other	ASTM E783: Standard test method for field measurement of air leakage through installed exterior windows and doors.
Other	ASTM G115: Standard Guide for Measuring and Reporting Friction Coefficients	Other	ICC-ES AC116: Nails (test methods referenced in section 3.0)
Other	ICC-ES AC118: Tapping screw fasteners (test methods referenced in sections 3.0 and 4.0)	Other	ICC-ES AC13: Joist hangers and similar devices (test methods referenced in section 3.0)
Other	ICC-ES AC201: Staples (test methods referenced in section 3.0)	Other	ICC-ES AC233: Alternate dowel-type threaded fasteners (test methods referenced in section 4.0)
Other	ICC-ES AC257: Corrosion-resistant fasteners and evaluation of corrosion effects of wood treatment chemicals (test methods referenced in section 4.0 (except section 4.2))	Other	ICC-ES AC261: Connectors used with cold-formed steel structural members (test methods referenced in sections 3.0 and 4.0)





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6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS		
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	ICC-ES AC316: Shrinkage compensating devices (test methods referenced in sections 3 and 4)	Other	ICC-ES AC38: water resistive barriers (test methods referenced in section 4.0)
Other	ICC-ES AC434: Masonry and concrete strengthening using fiber-reinforced cementitious matrix (FRCM) composite systems (test methods referenced in sections 3, 4 and 5)		



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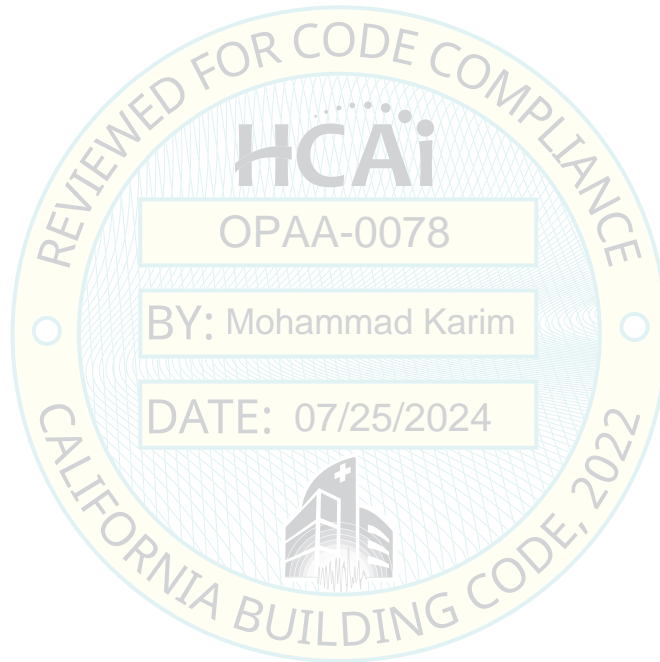
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7		TEST TECHNICIANS			
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Robert Green	Concrete Field Testing Technician - Grade I	ACI	01031472	02/22/2025	Full-Time
Colin Stock	Civil Engineering Professional Engineering License	Engineering Board	C73980	06/30/2025	Full-Time
<i>Test Technicians with expired license shall not be permitted to perform Tests.</i>					



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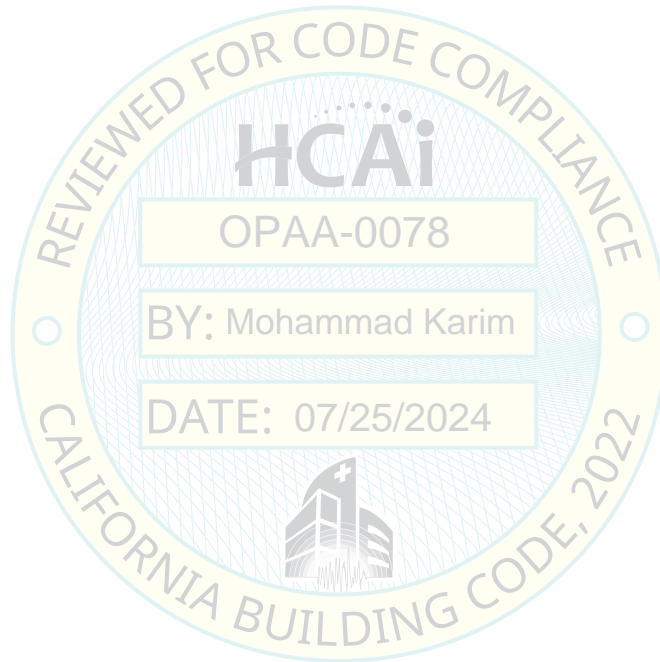
APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8		SOILS AND FOUNDATIONS	
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
9		CONCRETE	
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
10		MASONRY	
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
11		STEEL	
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
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





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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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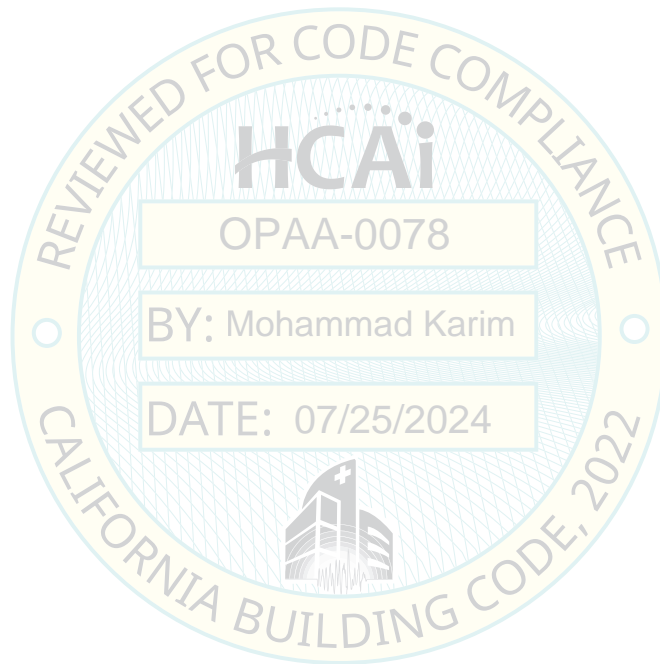
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14	SPECIAL INSPECTORS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Inspector's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
<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
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Structural Tests & Special Inspections

Structural Tests	Structural Special Inspections
Concrete	
Concrete Specialty Inserts	
Fiber Reinforced Polymer (FRP) Composites	
High-Strength Bolts and other Fasteners	
Masonry	
Nonstructural Components, Supports and Attachments	
Reinforcing Steel	
Steel	
Structural Elements and Connections	
Wood	
<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>	
Multi-wire Steel Prestressing Strands	
Friction Coefficients	
Water and air leakage	
Dimension Stone and Veneer	

HCAI Approval (For Office Use Only)

Print Name: <u> Mohammad Karim </u>	Approval Date: <u> 07/25/2024 </u>
Title: <u> Supervisor, Health Facilities Review </u>	Approval Expiration Date: <u> 12/6/2027 </u>

Condition of approval (if applicable):

