



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
FACILITIES DEVELOPMENT DIVISION**

<b>APPLICATION FOR HCAI PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS</b>		<b>OFFICE USE ONLY</b>		
		<b>OPAA-0088</b>		
Approved Agency	City	County	State	ZIP Code
CITY AND COUNTY OF SAN FRANCISCO MATERIALS TESTING LAB	SAN FRANCISCO	San Francisco	CA	94124

<b>APPLICATION TYPE</b>
Testing Agency <b>ONLY</b>

**APPLICANT INFORMATION**

Applicant Name DAMON LAI	Position in the Organization Materials Testing Lab Manager		
Agency's Local Name City and County of San Francisco Materials Testing Lab	Application Date 10/3/2023		
Phone Number (415) 641-4002	E-mail DAMON.LAI@SFDPW.ORG		
Address of Facility Location (Each facility location requires separate application.)			
Street 2027 NEWCOMB AVENUE			
City SAN FRANCISCO	County San Francisco	State CA	Zip Code 94124
Facility Mailing Address			
Street 2027 Newcomb Avenue			
City San Francisco	State CA		Zip Code 94124-

**Key Agency Personnel**

Engineering Manager - Name Damon Lai	CA Registration Number C66633	Expiration Date 06/30/2024
Title in the Organization Materials Testing Lab Manager	Phone Number (415) 641-4002	
Alternate Phone Number (415) 999-6183	E-Mail damon.lai@sfdpw.org	

**Key Agency Personnel**

Alternate Engineering Manager - Name Severino Caranto	CA Registration Number C54879	Expiration Date 06/30/2024
Title in the Organization PCS Manager	Phone Number (628) 271-2206	
Alternate Phone Number	E-Mail severino.caranto@sfdpw.org	

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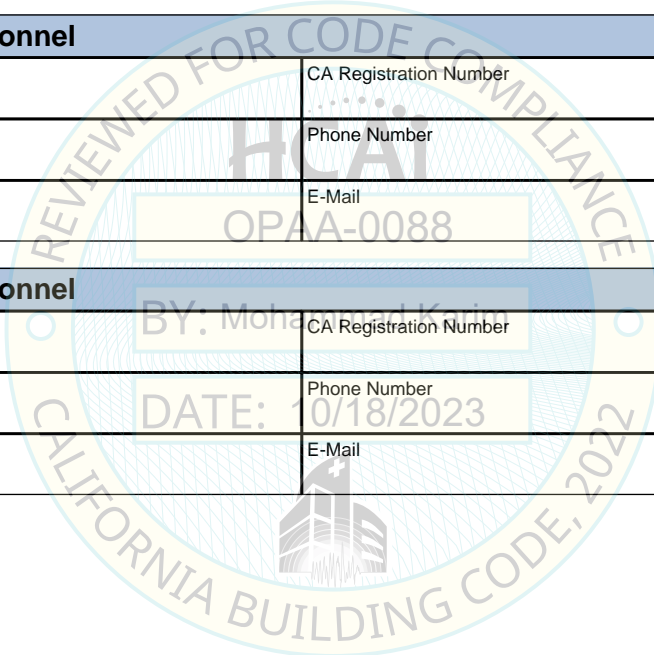
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Key Testing Personnel		
Testing Supervisor - Name Francis Or	CA Registration Number	Expiration Date
Title in the Organization Lab Supervisor	Phone Number (415) 641-4028	
Alternate Phone Number	E-Mail francis.or@sfdpw.org	

Key Testing Personnel		
Field Testing Supervisor - Name Christopher Kennedy	CA Registration Number	Expiration Date
Title in the Organization Field Supervisor	Phone Number (415) 641-4028	
Alternate Phone Number	E-Mail christopher.kennedy@sfdpw.org	

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)

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 \_\_\_\_\_                      LEA # \_\_\_\_\_

**Basis for accreditation**

- AASHTO R18: Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories
- 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

**Basis for Test Technician/Special Inspector Qualification**

- California licensed engineer qualified to be test technician/special inspector



BY: Mohammad Karim

DATE: 10/18/2023





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**APPLICABLE TEST STANDARDS FOR WHICH AGENCY IS APPROVED**

<b>1</b>	<b>SOILS AND FOUNDATIONS</b>
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**Tests**

Standard	Test Procedure	Standard	Test Procedure
ASTM D 1557	Soil Compaction – Modified	ASTM D 2216	Water Content of Soil
ASTM D 6938	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

<b>2</b>	<b>CONCRETE</b>
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**Tests**

Standard	Test Procedure	Standard	Test Procedure
ASTM C 1064	Temperature	ASTM C 138	Density   Yield   Air Content
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 31	Concrete Sampling - Field	ASTM C 39	Compressive Strength
ASTM C 511	Moist Cure Rooms/Tanks	ASTM C 617	Capping Concrete Specimens

*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

<b>3</b>	<b>MASONRY</b>
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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

<b>4</b>	<b>STEEL</b>
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**Tests**

Standard	Test Procedure	Standard	Test Procedure
ASTM A 370	Tension & Bend Test		

*Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.*

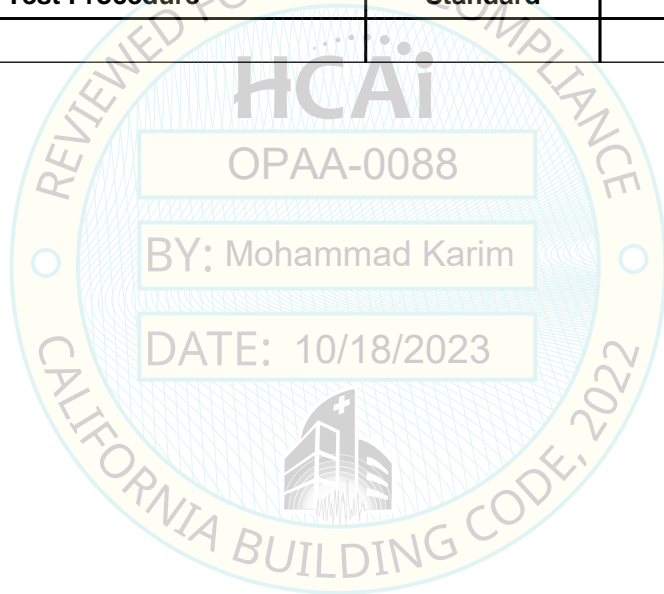
Standard	Test Procedure	Standard	Test Procedure





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<b>5</b>		<b>WOOD AND ROOF ASSEMBLIES</b>	
<b>Tests</b>			
<b>Standard</b>	<b>Test Procedure</b>	<b>Standard</b>	<b>Test Procedure</b>
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Standard</b>	<b>Test Procedure</b>	<b>Standard</b>	<b>Test Procedure</b>
<b>6</b>		<b>COMPONENT, ASSEMBLY, PROTOTYPE &amp; MISCELLANEOUS</b>	
<b>Tests</b>			
<b>Standard</b>	<b>Test Procedure</b>	<b>Standard</b>	<b>Test Procedure</b>
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<b>Standard</b>	<b>Test Procedure</b>	<b>Standard</b>	<b>Test Procedure</b>





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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
Malachi Guzman	Concrete Strength Testing Technician	ACI	02124996	04/22/2027	Full-Time
Malachi Guzman	Concrete Field Testing Technician - Grade I	ACI	02124996	10/01/2026	Full-Time
Wallas Ho	Concrete Laboratory Testing Technician - Level 1	ACI	01251735	05/18/2024	Full-Time
Wallas Ho	Concrete Field Testing Technician - Grade I	ACI	01251735	02/24/2028	Full-Time
Wallas Ho	Aggregate Testing Technician - Level 1	ACI	01251735	05/18/2024	Full-Time
Christopher Kennedy	Concrete Strength Testing Technician	ACI	00049037	07/27/2024	Full-Time
Christopher Kennedy	Concrete Laboratory Testing Technician - Level 1	ACI	00049037	07/24/2024	Full-Time
Christopher Kennedy	Concrete Field Testing Technician - Grade I	ACI	00049037	06/18/2026	Full-Time
Ka Lai	Concrete Strength Testing Technician	ACI	02108984	02/18/2027	Full-Time
Ka Lai	Concrete Laboratory Testing Technician - Level 1	ACI	02108984	08/26/2027	Full-Time
Ka Lai	Aggregate Testing Technician - Level 1	ACI	02108984	08/26/2027	Full-Time
Ka Lai	Concrete Field Testing Technician - Grade I	ACI	02108984	08/13/2026	Full-Time
Robert Meneses	Concrete Field Testing Technician - Grade I	ACI	02108983	08/13/2026	Full-Time
Robert Menesis	Concrete Strength Testing Technician	ACI	02108983	11/12/2026	Full-Time
Curtis Ng	Concrete Field Testing Technician - Grade I	ACI	01404717	12/09/2027	Full-Time
Curtis Ng	Concrete Strength Testing Technician	ACI	01404717	03/30/2024	Full-Time

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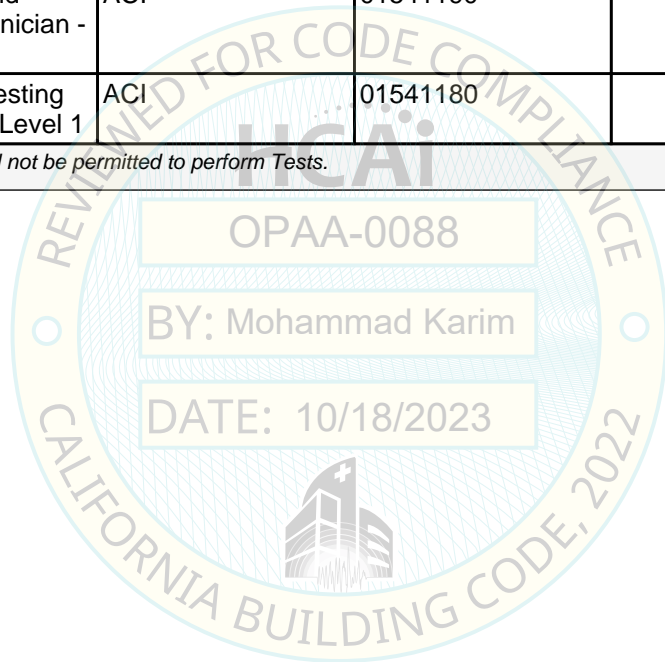
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7	TEST TECHNICIANS				
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.					
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant
Francis Or	Concrete Field Testing Technician - Grade I	ACI	01112474	02/24/2028	Full-Time
Francis Or	Aggregate Testing Technician - Level 1	ACI	01112474	05/18/2024	Full-Time
Francis Or	Concrete Laboratory Testing Technician - Level 1	ACI	01112474	05/18/2024	Full-Time
Sean Stokke McManus	Concrete Field Testing Technician - Grade I	ACI	01541190	03/09/2024	Full-Time
Sean Stokke McManus	Aggregate Testing Technician - Level 1	ACI	01541180	06/23/2028	Full-Time
<i>Test Technicians with expired license shall not be permitted to perform Tests.</i>					





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<b>APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED</b>			
<b>8</b>	<b>SOILS AND FOUNDATIONS</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<b>9</b>	<b>CONCRETE</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<b>10</b>	<b>MASONRY</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<b>11</b>	<b>STEEL</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<b>12</b>	<b>WOOD AND ROOF ASSEMBLIES</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>

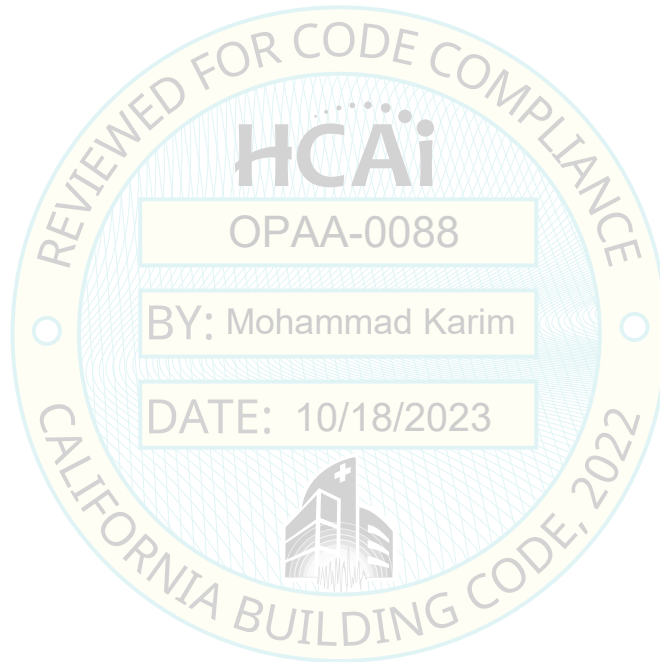






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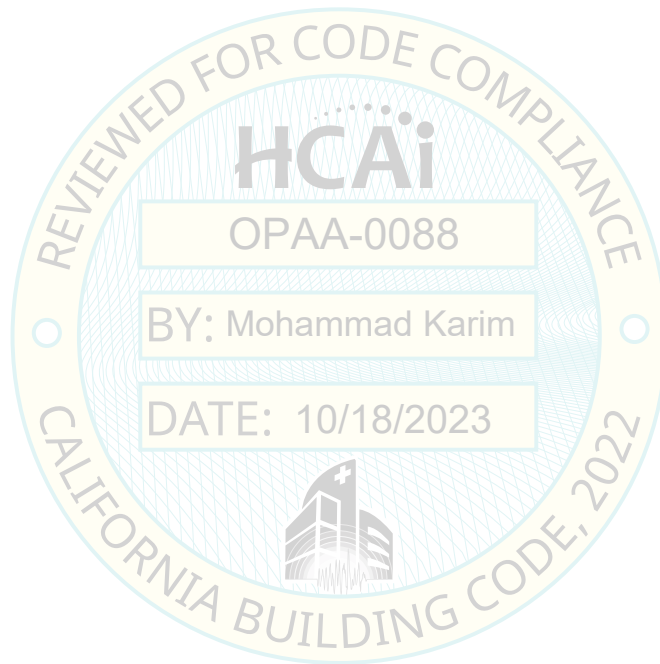
13	<b>NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS</b>		
<b>Special Inspections</b>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>
<i>Special Inspections that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>			
<b>Code/Standard</b>	<b>Field and Types of Inspection</b>	<b>Code/Standard</b>	<b>Field and Types of Inspection</b>





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<b>14</b>	<b>SPECIAL INSPECTORS</b>				
* 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	<b>SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES</b>	
<b>Structural Tests &amp; Special Inspections</b>		
<b>Structural Tests</b>	<b>Structural Special Inspections</b>	
Concrete		
Soil		
Steel		
<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>		

<b>HCAI Approval</b>		(For Office Use Only)	
Print Name:	<u>Mohammad Karim</u>	Approval Date:	<u>10/18/2023</u>
Title:	<u>Supervisor, Health Facilities Review</u>	Approval Expiration Date:	<u>10/18/2029</u>
<b>Condition of approval</b> <i>(if applicable):</i>			

