



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-0101			

Approved Agency	City	County	State	ZIP Code
NV5	SAN DIEGO	San Diego	CA	92128

APPLICATION TYPE

Combined Testing **AND** Special Inspection Agency

APPLICANT INFORMATION

Applicant Name Thomas Junker	Position in the Organization Regional Manager of Laboratory Services
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Agency's Local Name NV5	Application Date 3/18/2025
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Phone Number (858) 385-2220	E-mail THOMAS.JUNKER@NV5.COM
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Address of Facility Location (Each facility location requires separate application.)

Street
15092 AVENUE OF SCIENCE

City SAN DIEGO	County San Diego	State CA	Zip Code 92128
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Facility Mailing Address

Street
15092 Avenue of Science

City San Diego	State CA	Zip Code 92128
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Key Agency Personnel

Engineering Manager - Name carl henderson	CA Registration Number C71115	Expiration Date 06/30/2025
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Title in the Organization Vice President	Phone Number (858) 927-3654
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Alternate Phone Number	E-Mail carl.henderson@nv5.com
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Key Agency Personnel

Alternate Engineering Manager - Name	CA Registration Number	Expiration Date
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Title in the Organization	Phone Number
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Alternate Phone Number	E-Mail
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Key Agency Personnel

Geotechnical Engineering Contact - Name paul cunningham	CA Registration Number C78292	Expiration Date 09/30/2025
Title in the Organization Project Engineer	Phone Number (858) 385-2220	
Alternate Phone Number	E-Mail paul.cunningham@nv5.com	

Key Testing Personnel

Testing Supervisor - Name Thomas Junker	CA Registration Number	Expiration Date
Title in the Organization Regional Manager of Laboratory Services	Phone Number (858) 385-2220	
Alternate Phone Number (951) 522-0795	E-Mail thomas.junker@nv5.com	

Key Testing Personnel

Field Testing Supervisor - Name michael crawford	CA Registration Number	Expiration Date
Title in the Organization Construction Services Manager	Phone Number (858) 385-2220	
Alternate Phone Number	E-Mail michael.crawford@nv5.com	

Key Special Inspections Personnel

Special Inspection Supervisor - Name michael crawford	CA Registration Number	Expiration Date
Title in the Organization Construction Services Manager	Phone Number (858) 385-2220	
Alternate Phone Number	E-Mail michael.crawford@nv5.com	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name michael crawford	CA Registration Number	Expiration Date
Title in the Organization Construction Services Manager	Phone Number (858) 385-2220	
Alternate Phone Number	E-Mail michael.crawford@nv5.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 02/06/2028

LEA # 019

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

- ☒ 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 D 1140	No. 200 Wash	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 2844	Resistance R-Value & Exp. Pressure
ASTM D 3744	Durability Index	ASTM D 421	Dry Prep of Soil
ASTM D 422	Particle Size Analysts	ASTM D 4318	Liquid I Plastic Limit
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 A 615	Tension Test	ASTM A 706	Tension and Bend
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 131	Degradation of Aggregate
ASTM C 136	Sieve Analysis Course I Fine	ASTM C 138	Density I Yield I 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 40	Organic Impurities	ASTM C 511	Moist Cure Rooms/Tanks
ASTM C 535	LA Abrasion	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 1560	Stabilometer Value
ASTM D 1561	Prep for HMA Test Specimens	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		

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 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	ASTM C 1552	Capping CMU, Related Units & Masonry Prisms for Compression Testing
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		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A 370	Tension & Bend Test	ASTM A 970	Headed Steel Bars Bend Test
ASTM E 605	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
thomas junker	Masonry Laboratory Testing Technician	ACI	01629270	08/26/2029	Full-Time
thomas junker	Concrete Strength Testing Technician	ACI	01629270	02/20/2028	Full-Time
thomas junker	Concrete Laboratory Testing Technician - Level 2	ACI	01629270	04/05/2029	Full-Time
thomas junker	Concrete Laboratory Testing Technician - Level 1	ACI	01629270	02/20/2028	Full-Time
thomas junker	Aggregate Testing Technician - Level 2	ACI	01629270	04/04/2027	Full-Time
thomas junker	Aggregate Testing Technician - Level 1	ACI	01629270	10/17/2028	Full-Time
thomas junker	Aggregate Base Testing Technician	ACI	01629270	02/08/2026	Full-Time
jose regalado	Masonry Laboratory Testing Technician	ACI	025679	11/08/2026	Full-Time
jose regalado	Concrete Strength Testing Technician	ACI	025679	03/26/2026	Full-Time
Test Technicians with expired license shall not be permitted to perform Tests.					



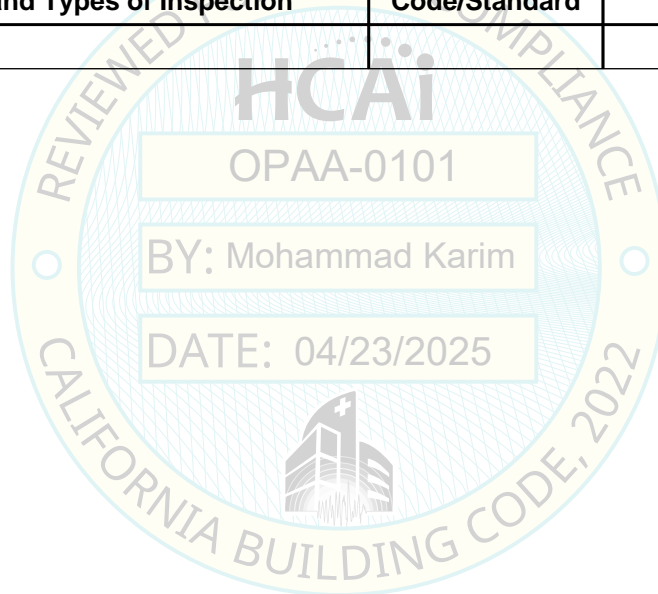
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APPLICABLE SPECIAL INSPECTIONS FOR WHICH AGENCY IS APPROVED			
8	SOILS AND FOUNDATIONS		
Special Inspections			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Cast-in-place Deep Foundations	CBC 1705/1705A	Soils (Excavations and Fills)
<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
CBC 1705/1705A	Post-Installed Anchors	CBC 1705/1705A & ACI 318	Pre-Stressed Concrete
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		
<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
CBC 1705/1705A & AWS D1.4	Rebar Welding	CBC 1705/1705A & TMS 602	Masonry Placement
<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
CBC 1705/1705A	Fireproofing (Spray Applied)	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts
CBC 1705/1705A, AWS QC1, AISC 360 & 341	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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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
michael crawford	Reinforced Concrete Special Inspector	ICC	8070315	02/24/2028	Full-Time
michael crawford	Prestressed Concrete Special Inspector	ICC	8070315	02/24/2028	Full-Time
michael crawford	Structural Masonry Special Inspector	ICC	8070315	02/24/2028	Full-Time
michael crawford	Soils Special Inspector	ICC	8070315	02/24/2028	Full-Time
collin davis	Structural Masonry Special Inspector	ICC	5294029	06/15/2026	Full-Time
collin davis	Reinforced Concrete Special Inspector	ICC	5294029	06/15/2026	Full-Time
collin davis	Spray Applied Fire Proofing Special Inspector	ICC	5294029	03/05/2026	Full-Time
richard mathes	Master of Special Inspections	ICC	849408	07/15/2027	Full-Time
richard mathes	Structural Welding Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Structural Masonry Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Structural Steel and Bolting Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Structural Steel and Welding Special Inspector - Legacy	ICC	849408	07/15/2027	Full-Time
richard mathes	Prestressed Concrete Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Reinforced Concrete Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Spray Applied Fire Proofing Special Inspector	ICC	849408	07/15/2027	Full-Time
richard mathes	Certified Welding Inspector	AWS	09121181	12/01/2027	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		Earthwork
Concrete		High-Strength Bolts and other Fasteners
Masonry		Masonry
Post-Installed Anchors		Post-Installed Anchors
Reinforcing Steel		Pre-Stressed Concrete
Soil		Reinforced Concrete
Steel		Spray Applied Fireproofing
<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>		
HCAI Approval (For Office Use Only)		
Print Name:	Mohammad Karim	Approval Date: 04/23/2025
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 02/06/2028
Condition of approval (if applicable):		
BY: Mohammad Karim DATE: 04/23/2025		

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

