



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS	OFFICE USE ONLY			
	OPAA-0076			

Approved Agency	City	County	State	ZIP Code
CONSTRUCTION TESTING & ENGINEERING	ESCONDIDO	San Diego	CA	92026

APPLICATION TYPE

☒ Combined Testing **AND** Special Inspection Agency ☐ Testing Agency **ONLY** ☐ Special Inspection Agency **ONLY**

APPLICANT INFORMATION

Applicant Name DANIEL T MATH		Position in the Organization President	
Agency's Local Name Construction Testing & Engineering, Inc.		Application Date 7/12/2022	
Phone Number (760) 746-4955	E-mail DAN@CTE-INC.NET		
Address of Facility Location (Each facility location requires separate application.)			
Street 1441 MONTIEL ROAD, SUITE 115			
City ESCONDIDO	County San Diego	State CA	Zip Code 92026
Facility Mailing Address			
Street 1441 Montiel Road, Suite 115			
City Escondido	State CA		Zip Code 92026-

Key Agency Personnel

Engineering Manager - Name Daniel T Math	CA Registration Number C61013	Expiration Date 12/31/2022
Title in the Organization President	Phone Number (760) 746-4955	
Alternate Phone Number	E-Mail Dan@cte-inc.net	

Key Agency Personnel

Alternate Engineering Manager - Name Rodney J Jones	CA Registration Number C84232	Expiration Date 09/30/2023
Title in the Organization Senior Engineer	Phone Number (760) 481-5980	
Alternate Phone Number	E-Mail rodney@cte-inc.net	



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Key Testing Personnel

Testing Supervisor - Name Erik Campbell	CA Registration Number N/A	Expiration Date
Title in the Organization Lab Supervisor	Phone Number (858) 722-5447	
Alternate Phone Number	E-Mail erik@cte-inc.net	

Key Testing Personnel

Field Testing Supervisor - Name Josh Rogers	CA Registration Number N/A	Expiration Date
Title in the Organization Field Supervisor	Phone Number (760) 481-5191	
Alternate Phone Number	E-Mail joshr@cte-inc.net	

Key Special Inspections Personnel

Special Inspection Supervisor - Name Erik Campbell	CA Registration Number N/A	Expiration Date
Title in the Organization Lab Supervisor	Phone Number (858) 722-5447	
Alternate Phone Number	E-Mail erik@cte-inc.net	

Key Special Inspections Personnel

Field Special Inspection Supervisor - Name Daniel Azlin	CA Registration Number	Expiration Date
Title in the Organization Senior Inspector	Phone Number (760) 500-7687	
Alternate Phone Number	E-Mail daniel.azlin@cte-inc.net	



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ACCREDITATION AND QUALIFICATIONS

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> AASHTO Accreditation Program (AAP) | <input type="checkbox"/> National Voluntary Laboratory Accreditation Program (NVLAP) |
| <input type="checkbox"/> International Accreditation Service (IAS) | <input type="checkbox"/> American Association of Laboratories Program (A2LA) |
| <input type="checkbox"/> Laboratory Accreditation Program (LAB) | <input type="checkbox"/> Construction Materials Engineering Council (CMEC) |
| <input type="checkbox"/> ANSI-ASQ National Accreditation Board | <input type="checkbox"/> Other _____ |

Latest Expiration Date *(if any)* _____

Is this Agency accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA?

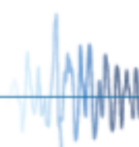
☐ No ☒ Yes Expiration Date 02/05/2024 LEA Ext. Exp. _____ LEA # 008

Basis for accreditation *(Check all that apply):*

- ☐ ISO/IEC 17025: General requirements for competence of testing and calibration laboratories
- ☐ ISO/IEC 17020: General requirements for the operation of various types of bodies performing inspection
- ☐ NISTIR 7012: Technical requirements for construction materials testing
- ☒ 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
- ☐ ASTM E 1212: Practice for Quality Management Systems for Nondestructive Testing (NDT) Agencies
- ☐ ASTM E 543: Specification for Agencies Performing Nondestructive Testing (NDT)
- ☐ IAS AC 291: Accreditation Criteria for Special Inspection Agency

Basis for Test Technician/Special Inspector Qualification *(Check all that apply):*

- ☐ Hospital inspector class A, B, or C certification
- ☒ DSA-LEA approval as test Technician/special inspector
- ☒ Certification listed in IAS AC 291 Table 1: Minimum Qualifications for Special Inspectors
- ☒ Welding inspectors satisfying the requirements of the CBC 2019 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

By checking "yes" in Tables 1 through 6 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated testing. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

1	SOILS AND FOUNDATIONS		
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 422	Particle Size Analysis	ASTM D 4318	Liquid I Plastic Limit
ASTM D 4829	Expansion Index	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
Other	AASHTO T236 Direct Shear		
2	CONCRETE		
Tests			
Standard	Test Procedure	Standard	Test Procedure
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 173	Air Content (V)	ASTM C 192	Making I Curing Specimens - Lab
ASTM C 31	Concrete Sampling - Field	ASTM C 39	Compressive Strength
ASTM C 40	Organic Impurities	ASTM C 42	Concrete Core
ASTM C 566	Moisture Content of Aggregate	ASTM C 617	Capping Concrete Specimens
ASTM C 702	Reducing Aggregate Samples	ASTM C 78	Flexural Strength
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 C 42 Drilled Cores / Beams		



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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 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content	ASTM C 39	Core Compressive Strength
ASTM C 780	Mortar 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	CBC 2105A.2.2.1.4 Grout Sampling		

4	STEEL		
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM A 370	Tension & Bend Test	ASTM E 1444	Magnetic Particle
ASTM E 164	Ultrasonic	ASTM E 605	Density of SFRM
<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				
Provide Following Information for Each Test Technician Employed by the Agency (Attach additional sheets if needed)					
* 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
Daniel Azlin	Concrete Field Testing Technician - Grade I	ACI	00099475	01/29/2026	Full-Time
Mercedes Dong	Concrete Field Testing Technician - Grade I	ACI	02080534	02/05/2026	Full-Time
Steve Green	Soils Nuclear Gauge	CPN International	23629		Full-Time
Steve Green	Concrete Field Testing Technician - Grade I	ACI	00925536	07/23/2026	Full-Time
Shane Kepler	Concrete Field Testing Technician - Grade I	ACI	02103140	06/04/2026	Full-Time
Neal Leetham	NDT Level II - Magnetic Particle Testing	NDT In-House: Certified By: Josh Rogers	N/A	05/04/2023	Full-Time
Neal Leetham	NDT Level II - Ultrasonic Testing	NDT In-House: Certified By: Josh Rogers	N/A	05/04/2023	Full-Time
Jesse Rizzi	Concrete Field Testing Technician - Grade I	ACI	01341536	06/16/2023	Full-Time
Jesse Rizzi	Soils Nuclear Gauge	APNGA	1642-161-400-9872		Full-Time
Josh Rogers	Soils Nuclear Gauge	APNGA	23-164-218-7675		Full-Time
Josh Rogers	Concrete Field Testing Technician - Grade I	ACI	1023379	05/19/2023	Full-Time
Christopher Weigle	NDT Level II - Ultrasonic Testing	NDT In-House: Certified By: Josh Rogers	N/A	10/27/2026	Full-Time
Christopher Weigle	NDT Level II - Magnetic Particle Testing	NDT In-House: Certified By: Josh Rogers	N/A	10/27/2026	Full-Time
Christopher Wigle	Concrete Field Testing Technician - Grade I	ACI	02145388	01/07/2027	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

By checking "yes" in Tables 8 through 12 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated special inspections. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

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 & 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



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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		
<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				
Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)					
* 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
William Atwood	Commercial Building Inspector	ICC	5012754	06/23/2024	Full-Time
Daniel Azlin	Certified Masonry Special Inspector	DSA	5960	08/01/2024	Full-Time
Daniel Azlin	Certified Welding Inspector	AWS	20040731	04/01/2023	Full-Time
Daniel Azlin	Structural Welding Special Inspector	ICC	5220420	04/09/2027	Full-Time
Daniel Azlin	Spray Applied Fire Proofing Special Inspector	ICC	5220420-86	04/09/2027	Full-Time
Daniel Azlin	Reinforced Concrete Special Inspector	ICC	5220420	04/09/2027	Full-Time
Daniel Azlin	Structural Masonry Special Inspector	ICC	5220420	04/09/2027	Full-Time
Mercedes Dong	Reinforced Concrete Special Inspector	ICC	9828486	04/06/2024	Full-Time
Mercedes Dong	Structural Masonry Special Inspector	ICC	9828486	01/01/2024	Full-Time
Mercedes Dong	Spray Applied Fire Proofing Special Inspector	ICC	9828486	01/10/2024	Full-Time
Mercedes Dong	Commercial Building Inspector	ICC	9828486	05/15/2024	Full-Time
Steve Green	Soils Special Inspector	ICC	1041386	04/11/2025	Full-Time
Shane Kepler	Structural Masonry Special Inspector	ICC	9960829	05/17/2024	Full-Time
Shane Kepler	Residential Building Inspector	ICC	9960829	04/25/2024	Full-Time
Shane Kepler	Spray Applied Fire Proofing Special Inspector	ICC	9960829	03/28/2024	Full-Time
Jesse Rizzi	Structural Masonry Special Inspector	ICC	8418141	04/06/2025	Full-Time
Josh Rogers	Spray Applied Fire Proofing Special Inspector	ICC	5262302	07/31/2025	Full-Time
Josh Rogers	Reinforced Concrete Special Inspector	ICC	5262302	07/31/2025	Full-Time





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Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)					
* 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
Josh Rogers	Structural Steel and Bolting Special Inspector	ICC	5262302	07/31/2025	Full-Time
Josh Rogers	Certified Welding Inspector	AWS	07110053	11/01/2025	Full-Time
Josh Rogers	ANST Level III in Magnetic Particle Testing	ASNT	203036	10/01/2026	Full-Time
Josh Rogers	ANST Level III in Ultrasonic Testing	ASNT	203036	10/01/2026	Full-Time
Josh Rogers	Structural Steel and Welding Special Inspector	ICC	5262302	07/31/2025	Full-Time
William Small Jr.	Structural Steel and Bolting Special Inspector	ICC	1059359	03/11/2024	Full-Time
William Small Jr.	Structural Welding Special Inspector	ICC	1059359	03/11/2024	Full-Time
William Small Jr.	Certified Welding Inspector	AWS	16091741	09/01/2022	Full-Time
William Small Sr.	Prestressed Concrete Special Inspector	ICC	1062194	03/11/2024	Full-Time
William Small Sr.	Reinforced Concrete Special Inspector	ICC	1062194	03/11/2024	Full-Time
William Small Sr.	Spray Applied Fire Proofing Special Inspector	ICC	1062194	03/11/2024	Full-Time
William Small Sr.	Structural Steel and Bolting Special Inspector	ICC	1062194	03/11/2024	Full-Time
William Small Sr.	Structural Steel and Welding Special Inspector	ICC	1062194	03/11/2024	Full-Time
William Small Sr.	Certified Welding Inspector	AWS	05100771	10/01/2023	Full-Time
William Small Sr.	Structural Masonry Special Inspector	ICC	1062194	03/11/2024	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 <i>(Check all that apply)</i>		
Structural Tests		Structural Special Inspections
Aggregate		Batch Plant
Concrete		Earthwork
High-Strength Bolts and other Fasteners		High-Strength Bolts and other Fasteners
Masonry		Masonry
Non-Destructive Testing (NDT)		Post-Installed Anchors
Post-Installed Anchors		Pre-Cast Concrete
Reinforcing Steel		Pre-Stressed Concrete
Soil		Reinforced Concrete
Steel		Spray Applied Fireproofing
		Steel Welding
<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: 07/22/2022
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 02/05/2024
Condition of approval <i>(if applicable):</i>		