



**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-0068		

Approved Agency	City	County	State	ZIP Code
TECHNICON ENGINEERING SERVICES	FRESNO	Fresno	CA	93722

APPLICATION TYPE

Combined Testing **AND** Special Inspection Agency

APPLICANT INFORMATION

Applicant Name Darren Williams	Position in the Organization President
Agency's Local Name TECHNICON Engineering Services, Inc.	Application Date 9/10/2024

Phone Number (559) 276-9311	E-mail DARRENW@TECHNICON.NET
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Address of Facility Location *(Each facility location requires separate application.)*

Street
4539 N. BRAWLEY #108

City FRESNO	County Fresno	State CA	Zip Code 93722
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Facility Mailing Address

Street
4539 N. Brawley #108

City Fresno	State CA	Zip Code 93722
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Key Agency Personnel

Engineering Manager - Name Darren G Williams	CA Registration Number CE40007	Expiration Date 12/31/2025
Title in the Organization President, Managing Civil Engineering	Phone Number (559) 276-9311	
Alternate Phone Number	E-Mail darrenw@technicon.net	

Key Agency Personnel

Alternate Engineering Manager - Name Salvador Alvarez	CA Registration Number CE83957	Expiration Date 09/30/2025
Title in the Organization Geotechnical Engineering Division Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 430-5025	E-Mail sala@technicon.net	





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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 Salvador Alvarez	CA Registration Number CE83957	Expiration Date 09/30/2025
Title in the Organization Geotechnical Engineering Division Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 430-5025	E-Mail sala@technicon.net	

Key Testing Personnel		
Field Testing Supervisor - Name Heathers Ragsdale	CA Registration Number	Expiration Date
Title in the Organization Materials Testing Division Operations Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 994-8244	E-Mail heatherr@technicon.net	

Key Special Inspections Personnel		
Special Inspection Supervisor - Name Sean Marjala	CA Registration Number	Expiration Date
Title in the Organization Materials Inspection Division Operations Manager	Phone Number (559) 276-9311	
Alternate Phone Number (559) 217-9341	E-Mail seanm@technicon.net	

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name Sean Marjala	CA Registration Number	Expiration Date
Title in the Organization Materials Inspections Division Field Supervisor	Phone Number (559) 276-9311	
Alternate Phone Number (559) 317-9341	E-Mail seanm@technicon.net	





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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 05/29/2028 LEA # 051

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 C 1093: Practice for Accreditation of Testing Agencies for Unit Masonry

Basis for Test Technician/Special Inspector Qualification

- 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 Section 1705A.2.5





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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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 3080	Direct Shear	ASTM D 422	Particle Size Analysts
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

2	CONCRETE
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Tests

Standard	Test Procedure	Standard	Test Procedure
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 136	Sieve Analysis Course I Fine
ASTM C 138	Density I Yield I Air Content	ASTM C 143	Slump
ASTM C 157	Length Change	ASTM C 173	Air Content (V)
ASTM C 192	Making I Curing Specimens - Lab	ASTM C 231	Air Content (P)
ASTM C 29	Unit Weight I Voids	ASTM C 31	Concrete Sampling - Field
ASTM C 39	Compressive Strength	ASTM C 40	Organic Impurities
ASTM C 42	Concrete Core	ASTM C 496	Splitting Tensile
ASTM C 566	Moisture Content of Aggregate	ASTM C 567	Density of Lightweight Aggregate
ASTM C 617	Capping Concrete Specimens	ASTM C 702	Reducing Aggregate Samples
ASTM C 78	Flexural Strength	ASTM D 2419	Sand Equivalent Value
ASTM D 75	Sampling Aggregate		

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
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





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3		MASONRY	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM C 426	Linear Drying Shrinkage	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
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 165	Liquid Penetrant
ASTM E 18	Rockwell Hardness	ASTM E 290	Bend Test
ASTM E 605	Density of SFRM	ASTM F 606	Bolt Tension Test
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
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				
* 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
Earl Brewer	Concrete Field Testing Technician - Grade I	ACI	00071971	03/22/2028	Full-Time
Jonathan Cayaban	Masonry Laboratory Testing Technician	ACI	011232692	11/18/2027	Full-Time
Jonathan Cayaban	Concrete Laboratory Testing Technician - Level 1	ACI	01122692	10/09/2025	Full-Time
Jonathan Cayaban	Concrete Strength Testing Technician	ACI	01122692	07/16/2026	Full-Time
Brian Hall	Self-Consolidating Concrete Testing Technician	ACI	00018805	07/29/2027	Full-Time
Brian Hall	Masonry Field Testing Technician	ACI	00018805	12/10/2026	Full-Time
Brian Hall	Masonry Laboratory Testing Technician	ACI	00018805	09/24/2026	Full-Time
Brian Hall	Aggregate Testing Technician - Level 1	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Strength Testing Technician	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Laboratory Testing Technician - Level 1	ACI	00018805	10/12/2024	Full-Time
Brian Hall	Concrete Field Testing Technician - Grade I	ACI	00018805	03/19/2026	Full-Time
Chris Jackson	Concrete Field Testing Technician - Grade I	ACI	00091749	09/21/2024	Full-Time
Sean Marjala	Concrete Field Testing Technician - Grade I	ACI	00039503	03/19/2028	Full-Time
Alfred Mendoza	Masonry Field Testing Technician	ACI	01381999	01/14/2027	Full-Time
Alfred Mendoza Jr.	Concrete Field Testing Technician - Grade I	ACI	0138199	03/31/2028	Full-Time
Kevin Mettler	Concrete Field Testing Technician - Grade I	ACI	01639699	03/15/2029	Full-Time

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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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
Zackary Pietro	Concrete Field Testing Technician - Grade I	ACI	01362677	03/19/2026	Full-Time
Stephen Sommerfeld	ASNT NDT Level III - Ultrasonic Testing	ASNT	209097	10/01/2025	Full-Time
Stephen Sommerfeld	ASNT NDT Level III - Magnetic Particle Testing	ASNT	209097	02/01/2027	Full-Time
Fedora Voronov	Aggregate Testing Technician - Level 1	ACI	02137658	10/22/2026	Full-Time
Fedora Voronov	Concrete Field Testing Technician - Grade I	ACI	02137658	11/05/2026	Full-Time
Darren Williams	Concrete Laboratory Testing Technician - Level 1	ACI	01002114	05/17/2029	Full-Time
Darren Williams	Concrete Strength Testing Technician	ACI	01002114	05/17/2029	Full-Time
Darren Williams	Aggregate Testing Technician - Level 1	ACI	01002114	05/17/2029	Full-Time
Darren Williams	Concrete Field Testing Technician - Grade I	ACI	01002114	10/09/2025	Full-Time
Sarkis Yeramian	Concrete Field Testing Technician - Grade I	ACI	01344440	03/14/2025	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
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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
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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		

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
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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
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Special Inspections

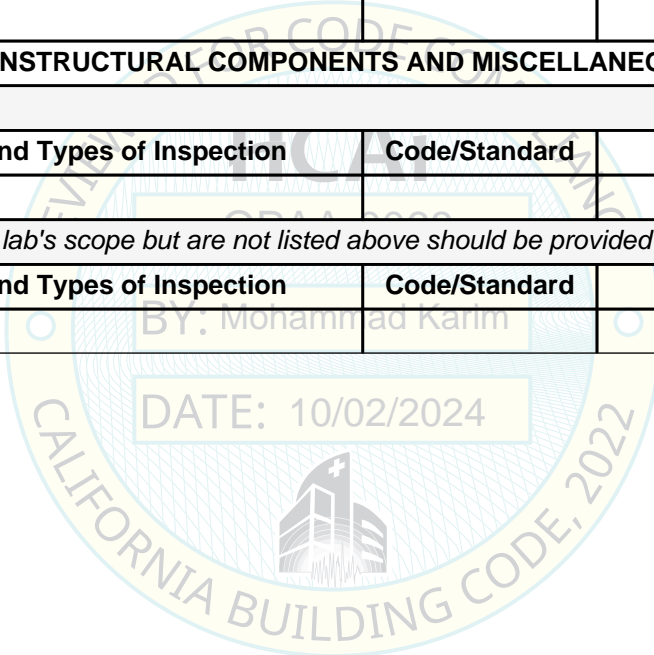
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection
CBC 1705/1705A	Fireproofing	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts
CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding		





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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
<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
Brad Bosworth	Certified Welding Inspector	AWS	92030091	03/01/2025	Full-Time
Sean Marjala	Reinforced Concrete Special Inspector	ICC	5071602	09/01/2026	Full-Time
Alfred Mendoza	Reinforced Concrete Special Inspector	ICC	10076943	07/08/2025	Full-Time
Kevin Mettler	Structural Masonry Special Inspector	ICC	10075962	03/21/2025	Full-Time
Kevin Mettler	Certified Masonry Special Inspector	DSA	6461	05/01/2027	Full-Time
Zack Pietro	Prestressed Concrete Special Inspector	ICC	9533356	08/12/2027	Full-Time
Zack Pietro	Reinforced Concrete Special Inspector	ICC	9533356	08/11/2027	Full-Time
Feodor Voronov	Structural Steel and Welding Special Inspector	ICC	10227247	08/15/2025	Full-Time
Feodor Voronov	Spray Applied Fire Proofing Special Inspector	ICC	10227247	01/10/2026	Full-Time
Feodor Voronov	Certified Welding Inspector	AWS	22060541	06/01/2025	Full-Time
Darren Williams	Prestressed Concrete Special Inspector	ICC	831780	05/03/2025	Full-Time
Darren Williams	Structural Steel and Welding Special Inspector	ICC	831780	06/01/2027	Full-Time
Darren Williams	Structural Masonry Special Inspector	ICC	831780	05/03/2025	Full-Time
Darren Williams	Reinforced Concrete Special Inspector	ICC	831780	05/03/2025	Full-Time
<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	
Structural Tests & Special Inspections		
Structural Tests	Structural Special Inspections	
Aggregate	Batch Plant	
Concrete	Deep Foundations	
High-Strength Bolts and other Fasteners	Earthwork	
Masonry	High-Strength Bolts and other Fasteners	
Post-Installed Anchors	Masonry	
Reinforcing Steel	Pre-Cast Concrete	
Soil	Pre-Stressed Concrete	
Steel	Reinforced Concrete	
	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		(For Office Use Only)	
Print Name:	Mohammad Karim	Approval Date:	10/02/2024
Title:	Supervisor, Health Facilities Review	Approval Expiration Date:	5/29/2028
Condition of approval (if applicable):			

