
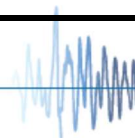




OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS		For Office Use Only		
		OPAA – 0017-19		
Approved Agency	City	County	State	ZIP Code
Twining Consulting, Inc	Irvine	Orange	CA	92614
APPLICATION TYPE / FEE				
Application Type	New Application Fee (Fees are Nonrefundable)	Renewal Fee (Fees are Nonrefundable)		
<input checked="" type="checkbox"/> Combined Testing AND Special Inspection Agency	<input type="checkbox"/> \$1,000.00	<input checked="" type="checkbox"/> \$500.00		
<input type="checkbox"/> Testing Agency ONLY	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00		
<input type="checkbox"/> Special Inspection Agency ONLY	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00		
APPLICANT INFORMATION				
Applicant Name Benito Caban		Position in the Organization Chief Operating Officer		
Agency's Local Name Twining Consulting, Inc		Application Date 08-12-2021		
Phone Number 949-553-0370		E-Mail bcaban@twiningconsulting.com		
Applicant certifies that all information provided in this application are accurate.		Applicant Signature 		
Address of Facility Location (Each facility location requires separate application.)				
Street 18011 Sky Park Circle, Suite J				
City: Irvine	County Orange	State: CA	Zip Code: 92614	
Facility Mailing Address (If different from facility address above.)				
Street				
City:		State:	Zip Code:	
KEY AGENCY PERSONNEL (Attach additional pages if needed.)				
Engineering Manager (or equivalent) – Name Benito Caban	CA Registration Number C73220	Expiration Date 12-31-2022		
Title in the Organization Chief Operating Officer	Phone Number 858-964-8002			
FAX Number 949-553-0371	E-Mail bcaban@twiningconsulting.com			
Alternate to Engineering Manager (if any) – Name	CA Registration Number	Expiration Date		
Title in the Organization	Phone Number			
Alternate Phone Number	E-mail			





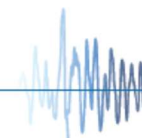
**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
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KEY TESTING PERSONNEL (Attach additional pages if needed.)

Testing Supervisor – Name Benito Caban	CA Registration Number (if any) C73220	Expiration Date 12-31-2022
Title in the Organization Chief Operating Officer	Phone Number 858-964-8002	
Alternate Phone Number 949-553-0370 ext. 83105	E-Mail bcaban@twiningconsulting.com	
Field Testing Supervisor – Name Jeff Johnson	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Operations manager	Phone Number 949-553-0370 ext.83114	
Alternate Phone Number 949-344-4348	E-mail jjohnson@twiningconsulting.com	

KEY SPECIAL INSPECTIONS PERSONNEL (Attach additional pages if needed.)

Special Inspections Supervisor – Name Jeff Johnson	CA Registration Number (if any) N/A	Expiration Date N/A
Title in the Organization Operations Manager	Phone Number 949-553-0370 ext. 83114	
Alternate Phone Number 949-344-4348	E-Mail jjohnson@twiningconsulting.com	
Field Special Inspection Supervisor – Name Paul Soltis	CA Registration Number (if any) G -2606	Expiration Date 12-31-2022
Title in the Organization Chief Geotechnical Engineer	Phone Number 562-972-3068	
Alternate Phone Number 562-426-3355	E-Mail psoltis@twininginc.com	





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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?

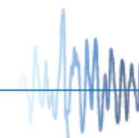
☐ No ☒ Yes Expiration Date; LEA #: 4-15-2023, LEA#: 275

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 2016 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					
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a. ASTM D 421	Dry Prep of Soil	<input type="checkbox"/>	b. ASTM D 422	Particle Size Analysts
<input type="checkbox"/>	c. ASTM D 558	Moisture Density of Soil Cement Mixtures	<input type="checkbox"/>	d. ASTM D 698	Compaction of Soil-Standard
<input type="checkbox"/>	e. ASTM D 854	Specific Gravity of Soil	<input type="checkbox"/>	f. ASTM D 1140	No. 200 Wash
<input type="checkbox"/>	g. ASTM D 1143	Deep Foundations – Axial Compression	<input type="checkbox"/>	h. ASTM D 1556	Density of Soils – Sand Cone
<input type="checkbox"/>	i. ASTM D 1557	Soil Compaction – Modified	<input type="checkbox"/>	j. ASTM D 1883	CBR Lab. Compacted Soils
<input type="checkbox"/>	k. ASTM D 2166	Unconfined Compressive Strength/Moisture content	<input type="checkbox"/>	l. ASTM D 2216	Water Content of Soil
<input type="checkbox"/>	m. ASTM D 2419	Sand Equivalent Value	<input type="checkbox"/>	n. ASTM D 2434	Permeability of Granular Soils
<input type="checkbox"/>	o. ASTM D 2435	Consolidation Test	<input type="checkbox"/>	p. ASTM D 2487	Classification of Soils
<input type="checkbox"/>	q. ASTM D 2488	Identification of Soil (Visual)	<input type="checkbox"/>	r. ASTM D 2844	Resistance R-Value & Exp. Pressure
<input type="checkbox"/>	s. ASTM D 2850	Unconsolidated, Undrained Triaxial	<input type="checkbox"/>	t. ASTM D 2974	Organic Content
<input type="checkbox"/>	u. ASTM D 3080	Direct Shear	<input type="checkbox"/>	v. ASTM D 3441	Cone Penetration Test (CPT)
<input type="checkbox"/>	w. ASTM D 3689	Deep Foundations – Axial Tension	<input type="checkbox"/>	x. ASTM D 3744	Durability Index
<input type="checkbox"/>	y. ASTM D 3966	Deep Foundations –Lateral Loads	<input type="checkbox"/>	z. ASTM D 4318	Liquid I Plastic Limit
<input type="checkbox"/>	aa. ASTM D 4546	Swell or Collapse Test	<input type="checkbox"/>	bb. ASTM D 4643	Microwave Moisture of Soils
<input type="checkbox"/>	cc. ASTM D 4718	Oversize Rock Correction	<input type="checkbox"/>	dd. ASTM D 4767	Triaxial Compression
<input type="checkbox"/>	ee. ASTM D 4829	Expansion Index	<input type="checkbox"/>	ff. ASTM D 4945	Deep Foundations – Dynamic Testing
<input type="checkbox"/>	gg. ASTM D 5084	Permeability of Soils	<input type="checkbox"/>	hh. ASTM D 5778	Friction Cone and Piezocone Penetration Test
<input type="checkbox"/>	ii. ASTM D 6913	Gradation of Soil Using Sieve Analysis	<input type="checkbox"/>	jj. ASTM D 6938	Density of Soils – Nuclear Gage
<input type="checkbox"/>	kk. ASTM D 7012	Triaxial Compressive Strength of Rock Core Specimens	<input type="checkbox"/>	ll.	
<input type="checkbox"/>	mm.		<input type="checkbox"/>	nn.	

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

Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	





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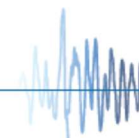
2	CONCRETE						
	Tests						
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	AASHTO M 201	Moisture Rooms	<input checked="" type="checkbox"/>	b.	ACI 355.2	Post-Installed Mechanical Anchors
<input type="checkbox"/>	c.	ACI 355.4	Adhesive Anchors	<input type="checkbox"/>	d.	ACI 374.1	Moment Frames
<input type="checkbox"/>	e.	ACI ITG-5.1	Post-Tensioned Precast Special Walls	<input type="checkbox"/>	f.	ASTM A 416	Steel Strand
<input type="checkbox"/>	g.	ASTM A 615	Tension Test; see Table 4(d)	<input type="checkbox"/>	h.	ASTM A 706	Tension and Bend; see Table 4 (d)
<input type="checkbox"/>	i.	ASTM A 970	Headed Steel Bars - Bend	<input type="checkbox"/>	j.	ASTM A 1034	Rebar Mechanical Splices
<input type="checkbox"/>	k.	ASTM C 29	Unit Weight I Voids	<input checked="" type="checkbox"/>	l.	ASTM C 31	Concrete Sampling - Field
<input type="checkbox"/>	m.	2016 CBC §1903A.5(1); ASTM C33 Appendix X1.3	Evaluating Potential for Deleterious Expansion Due to Alkali Reactivity of an Aggregate.	<input checked="" type="checkbox"/>	n.	ASTM C 39	Compressive Strength
<input type="checkbox"/>	o.	ASTM C 40	Organic Impurities	<input type="checkbox"/>	p.	ASTM C 42	Concrete Core
<input type="checkbox"/>	q.	ASTM C 78	Flexural Strength	<input type="checkbox"/>	r.	ASTM C 88	Sodium Sulfate Soundness
<input type="checkbox"/>	s.	ASTM C 117	No. 200 Wash	<input type="checkbox"/>	t.	ASTM C 127	Specific Gravity - Coarse
<input type="checkbox"/>	u.	ASTM C 128	Specific Gravity - Fine	<input type="checkbox"/>	v.	ASTM C 131	Degradation of Aggregate
<input type="checkbox"/>	w.	ASTM C 136	Sieve Analysis Course I Fine	<input checked="" type="checkbox"/>	x.	ASTM C 138	Density I Yield I Air Content
<input type="checkbox"/>	y.	ASTM C 142	Clay I Friable Particles	<input checked="" type="checkbox"/>	z.	ASTM C 143	Slump
<input type="checkbox"/>	aa.	ASTM C 157	Length Change	<input checked="" type="checkbox"/>	bb.	ASTM C 172	Sampling Freshly Mixed Concrete
<input checked="" type="checkbox"/>	cc.	ASTM C 173	Air Content (V)	<input type="checkbox"/>	dd.	ASTM C 174	Measuring Thickness Using Drilled Concrete Cores
<input type="checkbox"/>	ee.	ASTM C 192	Making I Curing Specimens - Lab	<input checked="" type="checkbox"/>	ff.	ASTM C 231	Air Content (P)
<input type="checkbox"/>	gg.	ASTM C 295	Petrographic Analysis	<input type="checkbox"/>	hh.	ASTM C 495	Lightweight Concrete
<input type="checkbox"/>	ii.	ASTM C 496	Splitting Tensile	<input type="checkbox"/>	jj.	ASTM C 511	Moist Cure Rooms/Tanks
<input type="checkbox"/>	kk.	ASTM C 535	LA Abrasion	<input type="checkbox"/>	ll.	ASTM C 566	Moisture Content of Aggregate
<input checked="" type="checkbox"/>	mm.	ASTM C 567	Density of Lightweight Aggregate	<input type="checkbox"/>	nn.	ASTM C 617	Capping Concrete Specimens
<input type="checkbox"/>	oo.	ASTM C 702	Reducing Aggregate Samples	<input checked="" type="checkbox"/>	pp.	ASTM C 1064	Temperature
<input type="checkbox"/>	qq.	ASTM C 1140	Shotcrete Compression	<input checked="" type="checkbox"/>	rr.	ASTM C 1231	Unbonded Caps
<input type="checkbox"/>	ss.	ASTM C 1252	Uncompacted Void Content	<input type="checkbox"/>	tt.	ASTM C 1260	Alkali Reactivity of Aggregate
<input type="checkbox"/>	uu.	ASTM C 1293	Length Change due to Alkali-Silica Reaction	<input type="checkbox"/>	vv.	ASTM C 1542	Measuring Length of Cores
<input type="checkbox"/>	ww.	ASTM C 1602	Water	<input type="checkbox"/>	xx.	ASTM C 1604	Shotcrete Core
<input type="checkbox"/>	yy.	ASTM D 75	Sampling Aggregate	<input type="checkbox"/>	zz.	ASTM D 1560	Stabilometer Value
<input type="checkbox"/>	aaa.	ASTM D 1561	Prep for HMA Test Specimens	<input type="checkbox"/>	bbb.	ASTM D 2041	Maximum Theo. Specific Gravity
<input type="checkbox"/>	ccc.	ASTM D 2419	Sand Equivalent Value	<input type="checkbox"/>	ddd.	ASTM D 2726	Specific Gravity of Marshall Sample
<input type="checkbox"/>	eee.	ASTM D 2950	In-Situ Density with Nuc. Gauge	<input type="checkbox"/>	fff.	ASTM D 3039	Tensile Strength of FRP





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2		CONCRETE (Continued)					
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
<input type="checkbox"/>	ggg.	ASTM D 3744	Aggregate Durability Index	<input type="checkbox"/>	hhh.	ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures
<input type="checkbox"/>	iii.	ASTM D 4541	Pull-Off Strength of Coatings (FRP)	<input type="checkbox"/>	jjj.	ASTM D 5444	Sieve Analysis of Extracted Aggregate
<input type="checkbox"/>	kkk.	ASTM D 4791	Flat Elongated Pieces in Aggregate	<input type="checkbox"/>	lll.	ASTM D 6307	Asphalt Content by Ignition
<input type="checkbox"/>	mmm.	ASTM D 5821	Percent Crushed Particles	<input type="checkbox"/>	nnn.	ASTM D 6927	Marshall Stability & Flow of Asphalt Mixtures
<input type="checkbox"/>	ooo.	ASTM D 6926	Prep of Asphalt Mixture Specimens Using Marshal Apparatus	<input type="checkbox"/>	ppp.	ASTM D7565	Determining Tensile Properties of FRP Matrix Composites Used for Strengthening of Civil Structures
<input type="checkbox"/>	qqq.	ASTM D 7522	Pull-Off Strength for FRP Laminate Systems Bonded to Concrete Substrate	<input type="checkbox"/>	rrr.	ASTM E 488	Strength of Anchors in Concrete Elements
<input type="checkbox"/>	sss.	ASTM E 1190	Strength of Power-Actuated Fasteners Installed in Structural Members	<input type="checkbox"/>	ttt.	ASTM E 1512	Testing Bond Performance of Bonded Anchors
<input type="checkbox"/>	uuu.	ICC-ES AC 193	Anchors in Concrete	<input type="checkbox"/>	vvv.	ICC-ES AC 232	Anchor Channels in Concrete
<input type="checkbox"/>	www.	ICC-ES AC 308	Adhesive Anchors in Concrete	<input type="checkbox"/>	xxx.	ICC-ES AC 395	Headed Shear Stud Reinforcement
<input type="checkbox"/>	yyy.	ICC-ES AC 398	Cold Formed Steel Connectors in Concrete for Light-Frame Construction	<input type="checkbox"/>	zzz.	ICC-ES AC 399	Cast-in-Place Bolts in Concrete for Light-Frame Construction
<input type="checkbox"/>	aaaa.	ICC-ES AC 446	Headed Cast-In Specialty Inserts in Concrete	<input type="checkbox"/>			
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.			
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.			
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.			





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3 MASONRY							
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	ASTM C 39	Core Compressive Strength	<input type="checkbox"/>	b.	ASTM C 140	Absorption, Compressive Strength, Unit Weight, Dimensions & Moisture Content
<input type="checkbox"/>	c.	ASTM C 426	Linear Drying Shrinkage	<input type="checkbox"/>	d.	ASTM C 780	Mortar Compressive Strength
<input type="checkbox"/>	e.	ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	<input type="checkbox"/>	f.	ASTM C 1314	Compressive Strength of Masonry Prism
<input type="checkbox"/>	g.	ASTM C 1552	Capping CMU, Related Units & Masonry Prisms for Compression Testing	<input type="checkbox"/>	h.	ASTM E 384	Micro-indentation Hardness
<input checked="" type="checkbox"/>	i.	CBC 2105A	Mortar Sampling	<input type="checkbox"/>	j.	CBC 2105A	Core Shear
<input type="checkbox"/>	k.	ICC-ES AC 01	Anchor in Masonry	<input type="checkbox"/>	l.	ICC-ES AC 58	Adhesive Anchors
<input type="checkbox"/>	m.	ICC-ES AC 106	Screw Anchors in Masonry	<input type="checkbox"/>	n.		
<input type="checkbox"/>	o.			<input type="checkbox"/>	p.		
<input type="checkbox"/>	q.			<input type="checkbox"/>	r.		
<input type="checkbox"/>	s.			<input type="checkbox"/>	t.		
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input checked="" type="checkbox"/>	a.	CBC 2105A	Grout Sampling	<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.	ASTMC1314	Prism Sampling	<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

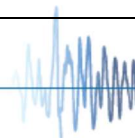




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4							STEEL						
Tests													
Yes		Standard/Code Reference		Test Procedure		Yes		Standard/Code Reference		Test Procedure			
<input type="checkbox"/>	a.	AISC 341 Section K2		Beam to Column Moment & EBF Connections Cyclic Tests		<input type="checkbox"/>	b.	AISC 341 Section K3		BRBF Cyclic Tests			
<input type="checkbox"/>	c.	ASTM A 90		Weight of Coating		<input type="checkbox"/>	d.	ASTM A 370		Tension & Bend Test			
<input type="checkbox"/>	e.	ASTM A 970		Headed Steel Bars Bend Test		<input type="checkbox"/>	f.	ASTM A 1061		Uncoated Seven-Wire Tension			
<input type="checkbox"/>	g.	ASTM A 1064		Steel Wire Tension & Bend Test		<input type="checkbox"/>	h.	ASTM E 10		Brinell Hardness			
<input type="checkbox"/>	i.	ASTM E 18		Rockwell Hardness		<input type="checkbox"/>	j.	ASTM E 23		Charpy V - Notch			
<input type="checkbox"/>	k.	ASTM E 94		Radiographic		<input checked="" type="checkbox"/>	l.	ASTM E 164		Ultrasonic			
<input type="checkbox"/>	m.	ASTM E 165		Liquid Penetrant		<input type="checkbox"/>	n.	ASTM E 190		Guided Bend			
<input type="checkbox"/>	o.	ASTM E 290		Bend Test		<input type="checkbox"/>	p.	ASTM E 605		Density of SFRM			
<input checked="" type="checkbox"/>	q.	ASTM E 1444		Magnetic Particle		<input type="checkbox"/>	r.	ASTM F 606		Bolt Tension Test			
<input checked="" type="checkbox"/>	s.	CBC 2203A		Material Identification		<input type="checkbox"/>	t.	ICC-ES AC 318		Tapping Screw Fasteners			
<input type="checkbox"/>	u.	ICC-ES AC 322		Cold-formed Steel Vertical Assemblies		<input type="checkbox"/>	v.						
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.													
Yes		Standard/Code Reference		Test Procedure		Yes		Standard/Code Reference		Test Procedure			
<input type="checkbox"/>	a.					<input type="checkbox"/>	b.						
<input type="checkbox"/>	c.					<input type="checkbox"/>	d.						
<input type="checkbox"/>	e.					<input type="checkbox"/>	f.						

5							Wood and Roof Assemblies						
Tests													
Yes		Standard		Test Procedure		Yes		Standard		Test Procedure			
<input type="checkbox"/>	a.	ASTM C 67		Brick and Structural Clay Roof Tiles		<input type="checkbox"/>	b.	ASTM D 1761		Fasteners in Wood			
<input type="checkbox"/>	c.	ASTM D 2395		Density/Sp. Gr. Of Wood		<input type="checkbox"/>	d.	ASTM D 3617		Analysis of Built-Up Roof Systems			
<input type="checkbox"/>	e.	ASTM D 4442		Moisture Content of Wood		<input type="checkbox"/>	f.	ASTM D 7147		Joist Hangers			
<input type="checkbox"/>	g.	ASTM E 72		Panel Testing		<input type="checkbox"/>	h.	ASTM E 2126		Cyclic Testing of Panel for Shear			
<input type="checkbox"/>	i.	ICC-ES AC 130		Wood Shear Panels		<input type="checkbox"/>	j.	ICC-ES AC 155		Hold-Down for Woods			
<input type="checkbox"/>	k.	ICC-ES AC 233		Alternate Dowel-Type Threaded Fasteners		<input type="checkbox"/>	l.	ICC-ES AC 283		Plate Connector for Wood Trusses			
<input type="checkbox"/>	m.					<input type="checkbox"/>	n.						
Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.													
<input type="checkbox"/>	a.					<input type="checkbox"/>	b.						
<input type="checkbox"/>	c.					<input type="checkbox"/>	d.						





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6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS TESTING						
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	b.	AAMA 501.6	Dynamic Test for Curtain Wall and Storefront Systems
<input type="checkbox"/>	c.	ICC-ES AC 156	Shake Table Test	<input type="checkbox"/>	d.	FM 1950	Seismic Sway Brace Testing
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
<input type="checkbox"/>	i.			<input type="checkbox"/>	j.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		





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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*	Comments
Patricia Franco	ACI Field Testing Technician Grade 1	ACI	01322613	05/14/2026	Full Time
Bassem Mikhail	ACI Field Testing Technician Grade 1	ACI	1260805	12/16/2022	Consultant
Luther Barge	ACI Field Testing Technician Grade 1	ACI	01347366	05/13/2025	Consultant
Michael Obuhanych	ACI Field Testing Technician Grade 1	ACI	01074791	11/12/2021	Full Time
Michael Wise	ACI Field Testing Technician Grade 1	ACI	1358093	03/07/2026	Consultant
David Hannaford	ACI Field Testing Technician Grade 1	ACI	01538507	05/12/2023	Full Time
Nick Brookhyser	ACI Field Testing Technician Grade 1	ACI	01399388	08/19/2022	Full Time
James Bliss	ACI Field Testing Tech Grade 1	ACI	1021467	11/13/2025	Consultant
Paul Tran	NDT Level II UT NDT Level II MPT	NDT In House Certified by G. Padilla	N/A	2/14/2025 10/01/2022	Part Time
Ismael Perez	ACI Concrete Strength Testing Technician	ACI	01532403	02/22/2023	Full Time
Gregory Padilla	NDT Level III UT NDT Level III MPT	ASNT	208622	06/2023 06/2023	Consultant
Ismael Perez	ACI Field Testing Tech Grade 1	ACI	01532403	09/29/2023	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 13 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 (Qualified Representative of Responsible Geotechnical Engineer)							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Cast-in-place Deep Foundations	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A	Driven Deep Foundations
<input checked="" type="checkbox"/>	c.	CBC 1705/1705A	Soils (Excavations and Fills)	<input checked="" type="checkbox"/>	d.	CBC 1812A	Shoring
<input checked="" type="checkbox"/>	e.	CBC 1813A	Ground Improvement	<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

9	CONCRETE						
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Post-Installed Anchors	<input type="checkbox"/>	b.	CBC 1705/1705A	Shotcrete
<input checked="" type="checkbox"/>	c.	CBC 1705/1705A & ACI 318	Pre-Stressed Concrete	<input checked="" type="checkbox"/>	d.	CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete
<input checked="" type="checkbox"/>	e.	CBC 1705/1705A & ACI 318	Reinforced Pre-Cast Concrete	<input checked="" type="checkbox"/>	f.	CBC 1705/1705A and ASTM C94	Batch Plant
<input checked="" type="checkbox"/>	g.	CBC 1705/1705A & AWS D1.4	Rebar Welding	<input type="checkbox"/>	h.	CBC 1911A & ICC-ES AC 178	Fiber Reinforced Polymer (FRP) Composites
<input type="checkbox"/>	i.			<input type="checkbox"/>	j.		
Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		





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10	MASONRY						
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A & AWS D1.4	Rebar Welding	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A & TMS 602	Masonry Placement
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

11	STEEL						
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Fireproofing	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A	Structural Cold-Formed Steel
<input checked="" type="checkbox"/>	c.	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts	<input checked="" type="checkbox"/>	d.	CBC 1705/1705A, AISC 360 & 341	Steel Fabrication & Erection
<input checked="" type="checkbox"/>	e.	CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding	<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		





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12		Wood and Roof Assemblies					
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Wood Construction	<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
<input type="checkbox"/>	g.			<input type="checkbox"/>	h.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

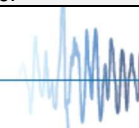
13		NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS					
Special Inspections							
Yes	Code/Standard		Field and Types of	Yes	Code/Standard		Field and Types of Inspection
<input type="checkbox"/>	a.	CBC 1705/1705A	Damping System	<input type="checkbox"/>	b.	CBC 1705/1705A	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	c.	CBC 1705/1705A	Seismic Isolation System	<input type="checkbox"/>	d.	CBC 2003 & AWS D1.2	Aluminum/Aluminum Welding
<input type="checkbox"/>	e.	CBC 2410	Structural Silicone Glazing (SSG)	<input type="checkbox"/>	f.		
<i>Special Inspections that are in the agency's scope but are not listed above should be provided in the space(s) below.</i>							
<input type="checkbox"/>	a.			<input type="checkbox"/>	b.		
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		





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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*	Comments
Patricia Franco	Reinforced Concrete Inspector	ICC	8489998	09/01/2023	Full Time
Viet Tran	Reinforced Concrete Inspector	ICC	8885123	06/13/2026	Consultant
Viet Tran	Solis Special Inspector	ICC	8885123	04/01/2022	Consultant
Abraham Flores	Certified Welding Inspector	AWS	04060311	June 2022	Consultant
Abraham Flores	Structural Steel and Bolting	ICC	5260038	02/12/2024	Consultant
Abraham Flores	Spray Applied Fireproofing	ICC	5260038	02/12/2024	Consultant
Luther Barge	Reinforced Concrete Inspector	ICC	8416343	05/30/2025	Consultant
Luther Barge	Certified Welding Inspector	AWS	18078041	July/2024	Consultant
Luther Barge	Structural Steel and Bolting	ICC	8416343	05/30/2025	Consultant
Luther Barge	Spray Applied Fireproofing	ICC	8416343	05/30/2025	Consultant
Michael Wise	Reinforced Concrete Inspector	ICC	8390835	05/26/2024	Consultant
Michael Wise	Spray Applied Fireproofing	ICC	8390835	05/26/2024	Consultant
Michael Wise	Structural Masonry Special Inspector	ICC	8390835	05/26/2024	Consultant
David Hannaford	Solis Special Inspector	ICC	8486004	05/03/2024	Full Time
Moises Del Rio	Certified Welding Inspector	AWS	04100731	October/2022	Consultant
Nick Brookhyser	Solis Special Inspector	ICC	8854458	08/21/2024	Full Time
Michael Obuhanych	Prestressed Concrete Special Inspector	ICC	5268991	09/01/2023	Full Time
Michael Obuhanych	Reinforced Concrete Inspector	ICC	5268991	09/01/2023	Full Time
James Bliss	Reinforced Concrete Inspector	ICC	8721678	09/01/2023	Consultant
Michael Obuhanych	Structural Masonry Special Inspector	ICC	5268991	09/01/2023	Full Time
<i>Special Inspectors with expired license shall not be permitted to perform Special Inspections.</i>					





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15	SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES		
	Structural Tests & Special Inspections <i>(Check all that apply)</i>		
Yes	Structural Tests	Yes	Structural Special Inspections
<input checked="" type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Earthwork
<input type="checkbox"/>	Aggregate	<input checked="" type="checkbox"/>	Batch Plant
<input type="checkbox"/>	Reinforcing Steel	<input checked="" type="checkbox"/>	Reinforced Concrete
<input checked="" type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Pre-Stressed Concrete
<input type="checkbox"/>	Post-Installed Anchors	<input checked="" type="checkbox"/>	Post-Installed Anchors
<input type="checkbox"/>	Concrete Specialty Inserts	<input checked="" type="checkbox"/>	Pre-Cast Concrete
<input type="checkbox"/>	Shotcrete	<input type="checkbox"/>	Shotcrete
<input type="checkbox"/>	Masonry	<input checked="" type="checkbox"/>	Masonry
<input type="checkbox"/>	Steel	<input checked="" type="checkbox"/>	Steel Welding
<input type="checkbox"/>	High-Strength Bolts and other Fasteners	<input checked="" type="checkbox"/>	High-Strength Bolts and other Fasteners
<input checked="" type="checkbox"/>	Non-Destructive Testing (NDT)	<input checked="" type="checkbox"/>	Spray Applied Fireproofing
<input type="checkbox"/>	Wood	<input checked="" type="checkbox"/>	Wood
<input type="checkbox"/>	Aluminum/Aluminum Welding	<input type="checkbox"/>	Aluminum/Aluminum Welding
<input type="checkbox"/>	Fiber Reinforced Polymer (FRP) Composites	<input type="checkbox"/>	Fiber Reinforced Polymer (FRP) Composites
<input checked="" type="checkbox"/>	Deep Foundations	<input checked="" type="checkbox"/>	Deep Foundations
<input type="checkbox"/>	Nonstructural Components, Supports and Attachments	<input type="checkbox"/>	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	Structural Elements and Connections	<input type="checkbox"/>	Base Isolators
<input type="checkbox"/>	Shake Table Tests	<input type="checkbox"/>	Dampers
<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>			
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	





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List of Attachments Supporting the Agency's Approval (Check all that apply)

Yes	Enclosure Type
<input checked="" type="checkbox"/>	OSHPD Facilities Development Division (FDD) Payment Form (OSH-AD-367): http://oshpd.ca.gov/FDD/Forms/eSPForms/OSH-FD_367-FacDvmtDivPmtForm.pdf
<input checked="" type="checkbox"/>	DSA-LEA Laboratory Qualification as posted at DSA website: https://www.apps2.dgs.ca.gov/DSA/Tracker/ApprovedLabs.aspx
<input checked="" type="checkbox"/>	Latest Copy of DSA 100: LEA Program Application as Submitted to DSA
<input checked="" type="checkbox"/>	Latest copy of DSA 220: LEA Program On-Site Assessment Report
<input checked="" type="checkbox"/>	Latest copy of DSA acceptance (letter) of the Agency into the LEA program.
<input checked="" type="checkbox"/>	Current Accreditation Certificate(s) including List of Tests and Special Inspections for which the Agency is Accredited
<input checked="" type="checkbox"/>	Copy of Test Technician/Individual Special Inspector's License/Certification showing expiration date(s)
<input checked="" type="checkbox"/>	OPL Number for Conversion of OPL to OPAA only:
<input checked="" type="checkbox"/>	OPAA Number for Conversion/Renewal of OPAA only: OPAA – 0017-16
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):
<input type="checkbox"/>	Other (Please Specify):

OSHPD Approval

(For Office Use Only)

Signature: _____

Approval Date: 08-18-2021

Print Name: Jeffrey Kikumoto

Approval Expiration Date: 4-15-2023

Title: Senior Structural Engineer

Condition of approval (if applicable):

