



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

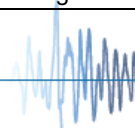
APPLICATION FOR OSHPD PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS		For Office Use Only		
		OPAA -0049-16		
Approved Agency	City	County	State	ZIP Code
Twining, Inc.	Long Beach	Los Angeles	CA	90806

APPLICATION TYPE / FEE		
Application Type	New Application Fee (Fees are Nonrefundable)	Renewal Fee (Fees are Nonrefundable)
<input checked="" type="checkbox"/> Combined Testing <b>AND</b> Special Inspection Agency	<input checked="" type="checkbox"/> \$1,000.00	<input type="checkbox"/> \$500.00
<input type="checkbox"/> Testing Agency <b>ONLY</b>	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00
<input type="checkbox"/> Special Inspection Agency <b>ONLY</b>	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00

APPLICANT INFORMATION	
Applicant Name <b>Robert Clevenger</b>	Position in the Organization <b>Laboratory Manager</b>
Agency's Local Name <b>Twining, Inc.</b>	Application Date <b>6/20/2019</b>
Phone Number <b>858-974-3750 (office)</b>	Email <b>RClevenger@twininginc.com</b>
<b>Applicant certifies that all information provided in this application are accurate.</b>	Applicant Signature <i>R. Clevenger</i>

Address of Facility Location <i>(Each facility location requires separate application.)</i>			
Street <b>15950 Bernardo Center Drive Suite J</b>			
City: <b>San Diego</b>	County <b>San Diego</b>	State: <b>CA</b>	Zip Code: <b>92127</b>
Facility Mailing Address <i>(If different from facility address above.)</i>			
Street <b>15950 Bernardo Center Drive Suite J</b>			
City: <b>San Diego</b>		State: <b>CA</b>	Zip Code: <b>92127</b>

KEY AGENCY PERSONNEL <i>(Attach additional pages if needed.)</i>		
Engineering Manager <i>(or equivalent)</i> – Name <b>Benito Caban</b>	CA Registration Number <b>73220</b>	Expiration Date <b>12-31-2020</b>
Title in the Organization <b>Senior Project Engineer</b>	Phone Number <b>858-974-3750</b>	
FAX Number <b>858-975-3752</b>	E-Mail <a href="mailto:bcaban@twiningconsulting.com">bcaban@twiningconsulting.com</a>	
Alternate to Engineering Manager <i>(if any)</i> – Name <b>Paul Soltis</b>	CA Registration Number <b>GE 2606</b>	Expiration Date <b>12-31-2020</b>
Title in the Organization <b>VP of Geotechnical Engineering</b>	Phone Number <b>562-972-3068</b>	
Alternate Phone Number	E-mail <a href="mailto:Psoltis@twininginc.com">Psoltis@twininginc.com</a>	

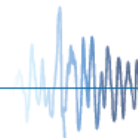




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<b>KEY TESTING PERSONNEL</b> (Attach additional pages if needed.)		
Testing Supervisor – Name Robert Clevenger	CA Registration Number (if any)	Expiration Date
Title in the Organization Laboratory Manager	Phone Number 760-828-7751 (cell)	
Alternate Phone Number 858-974-3750	E-Mail rclevenger@twininginc.com	
Field Testing Supervisor -- Name Jeff Treat	CA Registration Number (if any)	Expiration Date
Title in the Organization Operations Manager	Phone Number 951-970-6860 (cell)	
Alternate Phone Number 858-974-3750	E-mail jtreat@twininginc.com	

<b>KEY TESTING PERSONNEL</b> (Attach additional pages if needed.)		
Special Inspections Supervisor – Name Jeff Treat	CA Registration Number (if any)	Expiration Date
Title in the Organization Operations Manager	Phone Number 951-970-6860 (cell)	
Alternate Phone Number 858-974-3750	E-Mail jtreat@twininginc.com	
Field Special Inspection Supervisor -- Name Jeff Treat	CA Registration Number (if any)	Expiration Date
Title in the Organization Operations Manager	Phone Number 951-970-6860 (cell)	
Alternate Phone Number 858-974-3750	E-Mail jtreat@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?

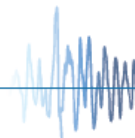
- No     Yes    Expiration Date: 3-28-2023; LEA 187

**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**

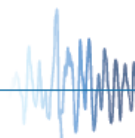
By checking "yes" in Tables 1 through 6 below, the applicant verifies that the agency has the equipment and qualified personnel to perform the indicated testing. **ONLY mark tests that are listed in accreditation certificate or DSA-LEA.**

**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 checked="" type="checkbox"/>	d.	ASTM D 698	Compaction of Soil-Standard
<input checked="" type="checkbox"/>	e.	ASTM D 854	Specific Gravity of Soil	<input checked="" type="checkbox"/>	f.	ASTM D 1140	No. 200 Wash
<input type="checkbox"/>	g.	ASTM D 1143	Deep Foundations – Axial Compression	<input checked="" type="checkbox"/>	h.	ASTM D 1556	Density of Soils – Sand Cone
<input checked="" 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 checked="" type="checkbox"/>	l.	ASTM D 2216	Water Content of Soil
<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	x.	ASTM D 3744	Durability Index
<input type="checkbox"/>	y.	ASTM D 3966	Deep Foundations –Lateral Loads	<input checked="" 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 checked="" 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.

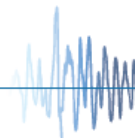
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	





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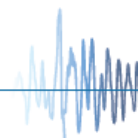
2		CONCRETE					
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
<input checked="" type="checkbox"/>	a.	AASHTO M 201	Moisture Rooms	<input type="checkbox"/>	b.	ACI 355.2	Post-Installed Mechanical Anchors
<input type="checkbox"/>	c.	ACI 355.4	Adhesive Anchors	<input type="checkbox"/>	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 checked="" type="checkbox"/>	o.	ASTM C 40	Organic Impurities	<input checked="" type="checkbox"/>	p.	ASTM C 42	Concrete Core
<input checked="" type="checkbox"/>	q.	ASTM C 78	Flexural Strength	<input checked="" type="checkbox"/>	r.	ASTM C 88	Sodium Sulfate Soundness
<input checked="" type="checkbox"/>	s.	ASTM C 117	No. 200 Wash	<input checked="" type="checkbox"/>	t.	ASTM C 127	Specific Gravity - Coarse
<input checked="" type="checkbox"/>	u.	ASTM C 128	Specific Gravity - Fine	<input type="checkbox"/>	v.	ASTM C 131	Degradation of Aggregate
<input checked="" 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 checked="" type="checkbox"/>	y.	ASTM C 142	Clay I Friable Particles	<input checked="" type="checkbox"/>	z.	ASTM C 143	Slump
<input checked="" 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 checked="" type="checkbox"/>	dd.	ASTM C 174	Measuring Thickness Using Drilled Concrete Cores
<input checked="" 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 checked="" type="checkbox"/>	jj.	ASTM C 511	Moist Cure Rooms/Tanks
<input type="checkbox"/>	kk.	ASTM C 535	LA Abrasion	<input checked="" type="checkbox"/>	ll.	ASTM C 566	Moisture Content of Aggregate
<input type="checkbox"/>	mm.	ASTM C 567	Density of Lightweight Aggregate	<input checked="" type="checkbox"/>	nn.	ASTM C 617	Capping Concrete Specimens
<input checked="" type="checkbox"/>	oo.	ASTM C 702	Reducing Aggregate Samples	<input checked="" type="checkbox"/>	pp.	ASTM C 1064	Temperature
<input checked="" type="checkbox"/>	qq.	ASTM C 1140	Shotcrete Compression	<input checked="" type="checkbox"/>	rr.	ASTM C 1231	Unbonded Caps
<input checked="" type="checkbox"/>	ss.	ASTM C 1252	Uncompacted Void Content	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	bbb.	ASTM D 2041	Maximum Theo. Specific Gravity
<input checked="" type="checkbox"/>	ccc.	ASTM D 2419	Sand Equivalent Value	<input type="checkbox"/>	ddd.	ASTM D 2726	Specific Gravity of Marshall Sample
<input checked="" 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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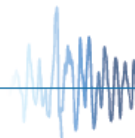
2							CONCRETE (Continued)							
Tests														
Yes	Standard		Test Procedure		Yes	Standard		Test Procedure		Yes	Standard		Test Procedure	
<input checked="" type="checkbox"/>	ggg.	ASTM D 3744	Aggregate Durability Index		<input checked="" type="checkbox"/>	hhh.	ASTM D 3203	Percent Air Voids		<input checked="" type="checkbox"/>	jjj.	ASTM D 5444	Sieve Analysis of Extracted Aggregate	
<input type="checkbox"/>	iii.	ASTM D 4541	Pull of Strength of FRP		<input checked="" type="checkbox"/>	lll.	ASTM D 6307	Asphalt Content by Ignition		<input checked="" type="checkbox"/>	mmm.	ASTM D 5821	Percent Crushed Particles	
<input checked="" type="checkbox"/>	kkk.	ASTM D 4791	Flat Elongated Pieces in Aggregate		<input type="checkbox"/>	nnn.	ASTM D 6927	Marshall Stability & Flow, Air Voids		<input type="checkbox"/>	ooo.	ASTM D 6926	Prep for Marshal test Specimen	
<input type="checkbox"/>	qqq.	ASTM D 7522	Pull-Off Strength for FRP Laminate Systems Bonded to Concrete Substrate1		<input type="checkbox"/>	ppp.	ASTM D7565	Determining Tensile Properties of FRP Matrix Composites Used for Strengthening of Civil Structures		<input type="checkbox"/>	rrr.	ASTM E 488	Strength of Anchors	
<input type="checkbox"/>	sss.	ASTM E 1190	Power Actuated Fasteners		<input type="checkbox"/>	ttt.	ASTM E 1512	Bond Strength of Anchors		<input type="checkbox"/>	uuu.	ICC-ES AC 193	Anchors in Concrete	
<input type="checkbox"/>	www.	ICC-ES AC 308	Adhesive Anchors in Concrete		<input type="checkbox"/>	vvv.	ICC-ES AC 232	Anchor Channels 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"/>	aaa.	ICC-ES AC 446	Headed Cast-In Specialty Inserts in Concrete	
<input type="checkbox"/>	aaa.	ICC-ES AC 446	Headed Cast-In Specialty Inserts in Concrete		<input type="checkbox"/>					<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		Yes	Standard		Test Procedure	
<input type="checkbox"/>	a.				<input type="checkbox"/>	b.				<input type="checkbox"/>	c.			
<input type="checkbox"/>	c.				<input type="checkbox"/>	d.				<input type="checkbox"/>	e.			
<input type="checkbox"/>	e.				<input type="checkbox"/>	f.				<input type="checkbox"/>				





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3	MASONRY				
Tests					
Yes	Standard/Code Reference	Test Procedure	Yes	Standard/Code Reference	Test Procedure
<input checked="" type="checkbox"/>	a. ASTM C 39	Core Compressive Strength	<input checked="" 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 checked="" type="checkbox"/>	d. ASTM C 780	Mortar Compressive Strength
<input checked="" 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 checked="" 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 checked="" 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.	
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>					
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.	

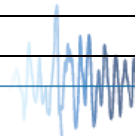




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<b>4 STEEL</b>							
<b>Tests</b>							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	AISC 341 Section K2	Beam to Column Moment & EBF Connections Cyclic Tests	<input type="checkbox"/>	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 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 checked="" type="checkbox"/>	p.	ASTM E 605	Density of SFRM
<input 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.		
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
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.		

<b>5 Wood and Roof Assemblies</b>							
<b>Tests</b>							
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.		
<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.		

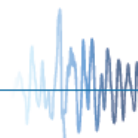






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<b>6 COMPONENT, ASSEMBLY, PROTOTYPE &amp; MISCELLANEOUS TESTING</b>						
<b>Tests</b>						
<b>Yes</b>	<b>Standard/Code Reference</b>		<b>Test Procedure</b>	<b>Yes</b>	<b>Standard/Code Reference</b>	
<input type="checkbox"/>	<b>a.</b>	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	<b>b.</b>	AAMA 501.6
<input type="checkbox"/>	<b>c.</b>	ICC-ES AC 156	Shake Table Test	<input type="checkbox"/>	<b>d.</b>	FM 1950
<input type="checkbox"/>	<b>e.</b>			<input type="checkbox"/>	<b>f.</b>	
<input type="checkbox"/>	<b>g.</b>			<input type="checkbox"/>	<b>h.</b>	
<input type="checkbox"/>	<b>i.</b>			<input type="checkbox"/>	<b>j.</b>	
<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"/>	<b>a.</b>			<input type="checkbox"/>	<b>b.</b>	
<input type="checkbox"/>	<b>c.</b>			<input type="checkbox"/>	<b>d.</b>	
<input type="checkbox"/>	<b>e.</b>			<input type="checkbox"/>	<b>f.</b>	

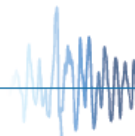




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

7	<b>TEST TECHNICIANS</b>				
<b>Provide Following Information for Each Test Technician Employed by the Agency (Attach additional sheets if needed)</b>					
*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
Robert Clevenger	Soils (Level 2), Concrete (Level 3), Asphalt (Level 3), Highway Materials (Level 3)	NICET	75231	8/1/2020	Full-time
	Concrete Field Testing Tech (Gr. 1)	ACI	01081848	10/21/2022	
	Concrete Strength Testing Tech	ACI	01081848	7/20/2022	
Ryan Powney	Concrete Field Testing Tech (Gr. 1)	ACI	01237464	6/16/2023	Full-time
	Concrete Strength Testing Tech	ACI	01237464	7/20/2022	
Steve Cappello	ACI Technician – Field Grade 1	ACI	01182001	05/02/2020	Full-time
Jason Barron	ACI Technician – Field Grade 1	ACI	0101395	12/13/2019	Full-time
Steve Wynn	ACI Technician – Field Grade 1	ACI	01216460	03/19/2021	Full-time
Jeff Treat	ACI Technician – Field Grade 1	ACI	01162089	06/16/2023	Full-time
Richard Williams	ACI Technician – Field Grade 1	ACI	TBD	06/16/2023	Full-time
	Nuclear Gauge	CPN International	44888	N/A	
Fidencio Viramontes	ACI Technician – Field Grade 1	ACI	00928548	02/07/2020	Full-time
Jose Franco – Casas	ACI Technician – Field Grade 1	ACI	0952934	4/29/2022	Full-time
	Nuclear Gauge	Boart Longyear Company	26986	N/A	

*Test Technicians with expired license shall not be permitted to perform Tests.*







**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

**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 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.	

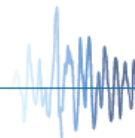
**9 CONCRETE**

**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 type="checkbox"/>	g. CBC 1705/1705A & AWS D1.4	Rebar Welding	<input checked="" 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.	

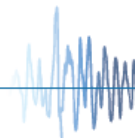




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

10 MASONRY							
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input 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.		

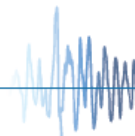




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

<b>12 Wood and Roof Assemblies</b>						
<b>Special Inspections</b>						
<b>Yes</b>	<b>Code/Standard</b>		<b>Field and Types of Inspection</b>	<b>Yes</b>	<b>Code/Standard</b>	
<input type="checkbox"/>	<b>a.</b>	CBC 1705/1705A	Wood Construction	<input type="checkbox"/>	<b>b.</b>	
<input type="checkbox"/>	<b>c.</b>			<input type="checkbox"/>	<b>d.</b>	
<input type="checkbox"/>	<b>e.</b>			<input type="checkbox"/>	<b>f.</b>	
<input type="checkbox"/>	<b>g.</b>			<input type="checkbox"/>	<b>h.</b>	
<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"/>	<b>a.</b>			<input type="checkbox"/>	<b>b.</b>	
<input type="checkbox"/>	<b>c.</b>			<input type="checkbox"/>	<b>d.</b>	
<input type="checkbox"/>	<b>e.</b>			<input type="checkbox"/>	<b>f.</b>	

<b>13 NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS</b>							
<b>Special Inspections</b>							
<b>Yes</b>	<b>Code/Standard</b>		<b>Field and Types of</b>	<b>Yes</b>	<b>Code/Standard</b>		
<input type="checkbox"/>	<b>a.</b>	CBC 1705/1705A	Damping System	<input type="checkbox"/>	<b>b.</b>	CBC 1705/1705A	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	<b>c.</b>	CBC 1705/1705A	Seismic Isolation System	<input type="checkbox"/>	<b>d.</b>	CBC 2003 & AWS D1.2	Aluminum/Aluminum Welding
<input type="checkbox"/>	<b>e.</b>	CBC 2410	Structural Silicone Glazing (SSG)	<input type="checkbox"/>	<b>f.</b>		
<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"/>	<b>a.</b>			<input type="checkbox"/>	<b>b.</b>		
<input type="checkbox"/>	<b>c.</b>			<input type="checkbox"/>	<b>d.</b>		
<input type="checkbox"/>	<b>e.</b>			<input type="checkbox"/>	<b>f.</b>		

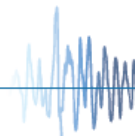




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

14	<b>SPECIAL INSPECTORS</b>				
<b>Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)</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*	Comments
Steve Cappello	Reinforced Concrete	ICC	8052335	12/12/2019	Full-time
	Prestressed Concrete				
	Structural Masonry				
	Structural Steel & Bolting				
	Spray Applied Fire Proofing Soils				
Jason Barron	Reinforced Concrete	ICC	8197139	06/25/2021	Full-time
	Soils			03/04/2022	
Steve Wynn	Reinforced Concrete	ICC	8088377	03/06/2020	Full-time
	Structural Masonry				
	Structural Steel & Bolting				
	Spray Applied Fire Proofing Soils				
Jeff Treat	Reinforced Concrete	ICC	5271719	10/20/2019	Full-time
	Structural Welding				
	Structural Steel & Bolting				
Richard Williams	Reinforced Concrete	ICC	8067467	5/12/2022	Full-time
	Spray Applied Fireproofing	ICC	8067467	6/08/2021	

*Special Inspectors with expired license shall not be permitted to perform Special Inspections.*

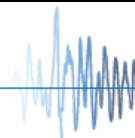




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

<b>14 SPECIAL INSPECTORS (Continued)</b>					
<b>Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)</b>					
*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required					
<b>Inspector's Name</b>	<b>Certification/ License Type</b>	<b>Certification/ Licensing Agency</b>	<b>Certification/ License Number</b>	<b>Expiration Date*</b>	<b>Comments</b>
<b>Fidencio Viramontes</b>	Reinforced Concrete	ICC	<b>859483</b>	07/18/2021	Full-time
	Prestressed Concrete				
	Structural Masonry				
	Structural Steel & Bolting				
	Spray Applied Fire Proofing				
	Soils				
	Structural Welding				
<b>Jose Franco-Casas</b>	Soils	ICC	<b>1105652</b>	03/08/2021	Full-time
	Structural Masonry		<b>1105652</b>	03/08/2021	
	Reinforced Concrete			10/16/2021	
<b>Isaac Andrus</b>	Ultrasonic Testing Level II	NDT In-house (Certified by Robert Ryan)	<b>3523</b>	08-14-2021	Part-time
	Magnetic Particle Testing Level II	NDT In-house (Certified by Robert Ryan)	<b>3523</b>	08-14-2021	
<b>Wayne (Cecil) Coey</b>	Certified Welding Inspector (CWI)	AWS	<b>10032031</b>	3-2022	Part-time
	Structural Steel & Bolting	ICC	<b>5297502</b>	06/11/2022	
	Prestressed Concrete				
	Structural Masonry				
	Reinforced Concrete			01/05/2020	
	Spray Applied Fire Proofing				
	Structural Steel Welding				
Master of Special Inspection Services	07/15/2021				
<b>Robert Ryan</b>	Liquid Penetrant Testing Level III	ASNT	<b>90878</b>	06/2021	Part-time
	Magnetic Particle Testing Level III				
	Ultrasonic Testing Level III				
<b>Mark Sobay</b>	Fiber Reinforced Polymer Composite Systems	FYFE Co. LLC	N/A	N/A (see certification attached)	Part-time

*Special Inspectors with expired license shall not be permitted to perform Special Inspections.*



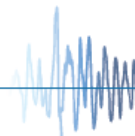






**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

<b>15 SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES</b>			
<b>Structural Tests &amp; Special Inspections</b> <i>(Check all that apply)</i>			
<b>Yes</b>	<b>Structural Tests</b>	<b>Yes</b>	<b>Structural Special Inspections</b>
<input checked="" type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Earthwork
<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	Shotcrete	<input type="checkbox"/>	Shotcrete
<input checked="" 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 type="checkbox"/>	Non-Destructive Testing (NDT)	<input checked="" type="checkbox"/>	Spray Applied Fireproofing
<input type="checkbox"/>	Wood	<input 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 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"/>	






**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

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

Yes	Enclosure Type
<input type="checkbox"/>	OSHPD Facilities Development Division (FDD) Payment Form (OSH-AD-367): <a href="http://oshpd.ca.gov/FDD/Forms/eSPForms/OSH-FD_367-FacDvmtDivPmtForm.pdf">http://oshpd.ca.gov/FDD/Forms/eSPForms/OSH-FD_367-FacDvmtDivPmtForm.pdf</a>
<input checked="" type="checkbox"/>	DSA-LEA Laboratory Qualification as posted at DSA website: <a href="https://www.apps2.dgs.ca.gov/DSA/Tracker/ApprovedLabs.aspx">https://www.apps2.dgs.ca.gov/DSA/Tracker/ApprovedLabs.aspx</a>
<input checked="" type="checkbox"/>	Latest Copy of DSA 100: LEA Program Application as Submitted to DSA
<input type="checkbox"/>	Latest copy of DSA 220: LEA Program On-Site Assessment Report
<input 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: OPL-0036-15
<input type="checkbox"/>	OPAA Number for Conversion/Renewal of OPAA only:
<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: 7/23/2019

Print Name: Jeffrey Kikumoto Approval Expiration Date: 3/28/2023

Title: Structural Engineer

Condition of approval *(if applicable)*:

