
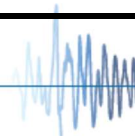




OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVED AGENCY (OPAA) FOR STRUCTURAL TESTS AND SPECIAL INSPECTIONS		For Office Use Only		
		OPAA – 0038-19		
Approved Agency	City	County	State	ZIP Code
Matriscope Engineering Laboratories, INC.	Sacramento	Sacramento	CA	95811
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: Ahmed Hamdy		Position in the Organization: Business Development Manager		
Agency's Local Name: Matriscope Engineering Laboratories, INC.		Application Date: 10/20/2020		
Phone Number: 510-763-3601		E-Mail: ahamdy@matriscope.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: 601 Bercut Drive				
City: Sacramento	County: Sacramento	State: CA	Zip Code: 95811	
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) – Ying-Chi Liao	CA Registration Number: Civil 42471 / GE 2154	Expiration Date: March 31, 2022		
Title in the Organization: Senior Engineering Manager	Phone Number: 916-375-6700			
FAX Number: (916) 447-6702	E-Mail: ylliao@matriscope.com			
Alternate to Engineering Manager (if any) – N/A	CA Registration Number	Expiration Date		
Title in the Organization	Phone Number			
Alternate Phone Number	E-mail			





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KEY TESTING PERSONNEL *(Attach additional pages if needed.)*

Testing Supervisor – Steve Lee	CA Registration Number: N/A	Expiration Date: N/A
Title in the Organization – Laboratory Supervisor	Phone Number: 916-375-6700	
Alternate Phone Number: 916-343-4476	E-Mail: slee@matriscope.com	
Field Testing Supervisor – Dan Inferrera	CA Registration Number: N/A	Expiration Date: N/A
Title in the Organization: Operations Manager	Phone Number: 916-375-6700	
Alternate Phone Number: 925-446-5998	E-mail: dinferrera@matriscope.com	

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

Special Inspections Supervisor – Joseph Varella	CA Registration Number: N/A	Expiration Date: N/A
Title in the Organization: Operations Manager	Phone Number: 916-375-6700	
Alternate Phone Number: 916-343-4476	E-Mail: jvarella@matriscope.com	
Field Special Inspection Supervisor – Travis Twaddell	CA Registration Number: N/A	Expiration Date: N/A
Title in the Organization: Project Engineer	Phone Number: 916-375-6700	
Alternate Phone Number: 916-330-2213	E-mail: ttawddell@matriscope.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 checked="" type="checkbox"/> Other <u>CCRL, USACE</u> |

Latest Expiration Date *(if any)* _____

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

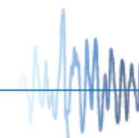
☐ No ☒ Yes Expiration Date; LEA #: 01/03/2021; extension to 03/03/2021; LEA 138

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 checked="" type="checkbox"/>	a. ASTM D 421	Dry Prep of Soil	<input checked="" 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 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 checked="" 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 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 checked="" 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.

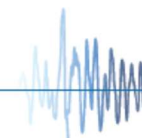
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a.		<input type="checkbox"/>	b.	
<input type="checkbox"/>	c.		<input type="checkbox"/>	d.	
<input type="checkbox"/>	e.		<input type="checkbox"/>	f.	





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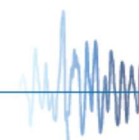
2	CONCRETE						
	Tests						
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	AASHTO M 201	Moisture Rooms	<input type="checkbox"/>	b.	ACI 355.2	Post-Installed Mechanical Anchors
<input type="checkbox"/>	c.	ACI 355.4	Adhesive Anchors	<input type="checkbox"/>	d.	ACI 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 checked="" 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 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 checked="" 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 checked="" 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 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 checked="" 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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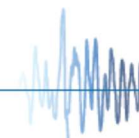
2 CONCRETE (Continued)							
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
<input type="checkbox"/>	ggg.	ASTM D 3744	Aggregate Durability Index	<input type="checkbox"/>	hhh.	ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures
<input type="checkbox"/>	iii.	ASTM D 4541	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 checked="" 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 checked="" 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 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 checked="" 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 checked="" 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 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.		
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.	2019 CBC - Chapter 21A	2105A.3 – Mortar Sampling	<input type="checkbox"/>	b.		
<input checked="" type="checkbox"/>	c.	2019 CBC - Chapter 21A	2105A.3 – Grout Sampling	<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		

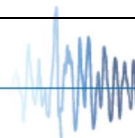




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4							STEEL										
Tests																	
Yes		Standard/Code Reference		Test Procedure		Yes		Standard/Code Reference		Test Procedure		Yes		Standard/Code Reference		Test Procedure	
<input type="checkbox"/>	a.	AISC 341 Section K2		Beam to Column 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 checked="" 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 checked="" type="checkbox"/>	h.	ASTM E 10		Brinell Hardness							
<input checked="" 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 checked="" type="checkbox"/>	o.	ASTM E 290		Bend Test		<input checked="" 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		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		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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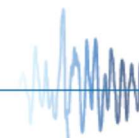
6	COMPONENT, ASSEMBLY, PROTOTYPE & MISCELLANEOUS TESTING						
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
<input type="checkbox"/>	a.	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	b.	AAMA 501.6	Dynamic 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
Besmellah Abdullahi	ACI Concrete Field Testing – Grade 1	ACI	1538918	05/19/2023	Part Time
Joseph Varella	ACI Concrete Field Testing – Grade 1	ACI	01126743	03/10/2023	Part Time
Kevin Selvage	ACI Concrete Field Testing – Grade 1	ACI	01059835	04/16/2021	Part Time
	Nuclear Gauge	Pacific Nuclear Technology	14792	N/A	
Michael Trammel	ACI Concrete Field Testing – Grade 1	ACI	21921	01/19/2024	Part Time
Sardar Mohammad	ACI Concrete Field Testing – Grade 1	ACI	01367450	05/21/2021	Part Time
Mohammad Shirooei	ACI Concrete Field Testing – Grade 1	ACI	01386387	12/10/2021	Part Time
	Nuclear Gauge	APNGA	01386387	N/A	
Shabnam Riahi	ACI Concrete Field Testing – Grade 1	ACI	1891102	11/16/2024	Part Time
Travis Twaddell	ACI Concrete Field Testing – Grade 1	ACI	01642180	04/13/2024	Part Time
Mohammad Azizi	Nuclear Gauge	APNGA	N/A	N/A	Part Time
Mohammad Azizi	ACI Concrete Field Testing – Grade 1	ACI	01402147	09/30/2022	
Ying-Chi Liao	Nuclear Gauge	Pacific Nuclear Technology	16401	N/A	Part Time
Teri Holt	ACI Concrete Field Testing – Grade 1	ACI	0005474	04/13/2024	Part Time
Willie Roberson	Nuclear Gauge	APNGA	N/A	11/12/2022	Part Time
Mohsen Noshad	ACI Concrete Field Testing – Grade 1	ACI	01888281	11/17/2024	Part Time
	Nuclear Gauge	APNGA	N/A	11/04/2022	
Test Technicians with expired license shall not be permitted to perform Tests.					





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7	TEST TECHNICIANS (Continued)				
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
Steven Lee	Aggregate Base Testing Tech	ACI	124750	10/14/2022	Part Time
	Aggregate Testing Tech – Level 1	ACI	124750	07/21/2023	
	Concrete Strength Testing Tech	ACI	124750	10/13/2023	
	Concrete Field Testing Tech – Grade 1	ACI	124750	06/10/2022	
	Concrete Laboratory Testing Tech – Level 1	ACI	124750	10/13/2023	
Mark Reese	Level III – Magnetic Particle Testing	ASNT NDT	85914	5/2021	Part Time
	Level III – Ultrasonic Testing	ASNT NDT	85914	10/2021	

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.		

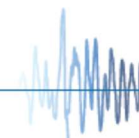




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10	MASONRY						
Special Inspections							
Yes	Code/Standard		Field and Types of Inspection	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A & AWS D1.4	Rebar Welding	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A & TMS 602	Masonry Placement
<input type="checkbox"/>	c.			<input type="checkbox"/>	d.		
<input type="checkbox"/>	e.			<input type="checkbox"/>	f.		
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.		

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.		
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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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.		

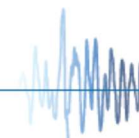
13	NONSTRUCTURAL COMPONENTS AND MISCELLANEOUS SPECIAL INSPECTIONS						
Special Inspections							
Yes	Code/Standard		Field and Types of	Yes	Code/Standard		Field and Types of Inspection
<input checked="" type="checkbox"/>	a.	CBC 1705/1705A	Damping System	<input checked="" type="checkbox"/>	b.	CBC 1705/1705A	Nonstructural Components, Supports and Attachments
<input checked="" type="checkbox"/>	c.	CBC 1705/1705A	Seismic Isolation System	<input checked="" 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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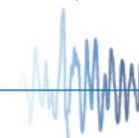
14	SPECIAL INSPECTORS				
	Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)				
	*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required				
Inspector's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Comments
Adam Lake	Certified welding Inspector (CWI)	AWS	05120031	12/01/2023	Part Time
	Commercial Building	ICC	5310029	02/21/2022	
	Reinforced Concrete Special Inspector Associate	ICC	5310029	02/21/2022	
	Spray Applied Fire Proofing	ICC	5310029	02/21/2022	
	Structural Masonry	ICC	5310029	02/21/2022	
	Structural Steel Bolting	ICC	5310029	02/21/2022	
	Structural Welding	ICC	5310029	02/21/2022	
	Commercial Combination	ICC	5310029	02/21/2022	
Joseph Varella	Reinforced Concrete	ICC	5211465	11/09/2021	Part Time
	Certified Welding Inspector (CWI)	AWS	03081061	08/01/2021	
	Spray Applied Fireproofing	ICC	5211465	11/09/2021	
	Soils	ICC	5211465	11/09/2021	
Mohammad Azizi	Structural Masonry	ICC	8888015	12/11/2021	Part Time
	Spray Applied Fireproofing	ICC	8888015	05/01/2022	
	Reinforced Concrete	ICC	8888015	09/20/2021	
	Structural Steel and Bolting	ICC	8888015	05/05/2021	
	Prestressed Concrete	ICC	8888015	08/06/2021	
	Master of Special Inspection	ICC	8888015	01/19/2022	
Special Inspectors with expired license shall not be permitted to perform Special Inspections.					





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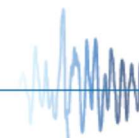
14	SPECIAL INSPECTORS (Continued)				
	Provide Following Information for Each Special Inspector Employed by the Agency (Attach additional sheets if needed)				
	*To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required				
Inspector's Name	Certification/ License Type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Comments
Teri Holt	Structural Masonry	ICC	1113570	09/01/2023	Part Time
	Reinforced Concrete	ICC	1113570	08/15/2022	
Vitality Naumchuk	Certified Welding Inspector (CWI)	AWS	19110041	11/2022	Part Time
Travis Twaddell	Soils	ICC	9200752	10/20/2022	Part Time
Steven Brewster	Structural Steel and Bolting	ICC	856714	03/16/2021	Part Time
	Structural Steel & Welding	ICC	856714	03/16/2021	
Sardar Mohammad	Spray Applied Fire Proofing	ICC	8455747	03/19/2021	Part Time
	Prestressed Concrete	ICC	8455747	12/02/2022	
	Reinforced Concrete	ICC	8455747	12/15/2020	
	Structural Welding	ICC	8455747	01/18/2021	
	Structural Masonry	ICC	8455747	02/21/2021	
Besmellah Abdullahi	Structural Masonry Plans	ICC	8906184	11/12/2021	Part Time
	Structural Masonry Codes	ICC	8906184	10/13/2021	
	Structural Steel and Bolting	ICC	8906184	12/18/2021	
	Reinforced Concrete	ICC	8906184	02/07/2022	
	Structural Welding	ICC	8906184	08/26/2022	
	Prestressed Concrete	ICC	8906184	02/08/2022	
	Structural Masonry	ICC	8906184	11/15/2021	
Shabnam Riahi	Structural Steel & Bolting	ICC	9367589	07/20/2023	Part Time





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14	SPECIAL INSPECTORS (Continued)				
	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
Mohsen Noshad	General Requirements	ICC	9490091	06/08/2023	Part Time
	SI Reinforced Concrete Plans	ICC	9490091	07/15/2023	
	Reinforced Concrete Associate	ICC	9490091	07/24/2023	
Milad Abdoveys	Spray Applied Fire Proofing	ICC	9472050	11/12/2022	Part Time
	Reinforced Concrete Plans Module	ICC	9472050	03/16/2023	
	Reinforced Concrete Codes Module	ICC	9472050	02/01/2023	
Kevin Selvage	Soils Special	ICC	8134525	06/30/2021	Part Time
Shabnam Riahi	Structural Masonry	ICC	9367589	08/20/2023	Part Time
	Spray Applied Fireproofing	ICC	9367589	09/26/2022	
	Reinforced Concrete	ICC	9367589	07/21/2023	
Mark Reese	Senior Certified Welding Inspector (SCWI)	AWS	11080038	08/2023	Part 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 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 type="checkbox"/>	Shotcrete	<input type="checkbox"/>	Shotcrete
<input checked="" type="checkbox"/>	Masonry	<input checked="" type="checkbox"/>	Masonry
<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	Nonstructural Components, Supports and Attachments
<input type="checkbox"/>	Structural Elements and Connections	<input checked="" 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 type="checkbox"/>	OPL Number for Conversion of OPL to OPAA only:
<input checked="" type="checkbox"/>	OPAA Number for Conversion/Renewal of OPAA only: OPAA – 0038 - 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: 11/16/2020

Print Name: _____

Jeffrey Kikumoto

Approval Expiration Date: 03/03/2021

Title: _____

Senior Structural Engineer

Condition of approval (if applicable):

