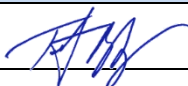
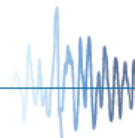




OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVED LABORATORY (OPL)		For Office Use Only	
		Application #	OPL-0013-14
Name of Approved Agency/Laboratory BSK Associates	City Livermore	County Alameda	State CA
APPLICATION TYPE / FEE			
Application is based on:	New Application Fee (Fees are Nonrefundable)	Renewal Fee (Fees are Nonrefundable)	
☐ DSA-LEA Approved Only	☐ \$250.00	☐ \$250.00	
☐ Accreditation Only	☐ \$500.00	☐ \$250.00	
☒ Both DSA-LEA Approved and Accreditation	☒ \$500.00	☐ \$250.00	
APPLICANT INFORMATION			
Applicant Name Tim Rodriguez	Signature 	Position in the Organization CSD GROUP MANAGER	
Agency/Laboratory Name BSK Associates		Application Date November 3, 2014	
Phone Number 925-315-3151		E-Mail trodriguez@bskinc.com	
Address of Facility Location (Each facility location requires separate application.) BSK Associates			
Street 324 Earhart Way			
City: Livermore	County Alameda	State: CA	Zip Code: 94551
Facility Mailing Address (If different from facility address above.)			
Street			
City:		State:	Zip Code:
KEY PERSONNEL (Attach additional pages if needed.)			
Engineering Manager (or equivalent) – Name James K. Auser, P.E.	CA Registration Number 59941	Expiration Date 06/30/2016	
Title in the Organization Senior Materials Engineer	Phone Number 925-315-3151		
FAX Number 925-315-3152	E-Mail jauser@bskinc.com		
Alternate to Engineering Manager (if any) – Name	CA Registration Number	Expiration Date	
Title in the Organization	Phone Number		
FAX Number	E-mail		





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

Laboratory Supervisor – Name James K. Auser, P.E.	CA Registration Number (if any) 59941	Expiration Date 06/30/2016
Title in the Organization Senior Materials Engineer	Phone Number 925-315-3151	
FAX Number 925-315-3152	E-Mail jauser@bskinc.com	
Field Supervisor – Name Tim Rodriguez	CA Registration Number (if any)	Expiration Date
Title in the Organization CSD Group Manager	Phone Number 925-315-3151	
FAX Number 925-315-3152	E-mail trodriguez@bskinc.com	

ACCREDITATION

This laboratory currently holds accreditation by: (Attach a copy of current accreditation details.)

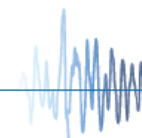
- | | |
|--|--|
| ☒ AASHTO Accreditation Program (AAP) | ☐ National Voluntary Laboratory Accreditation Program (NVLAP) |
| ☐ International Accreditation Service (IAS) | ☐ American Association of Laboratories Program (A2LA) |
| ☐ Laboratory Accreditation Program (LAB) | ☐ Construction Materials Engineering Council (CMEC) |
| ☒ Other <u>USACE, Caltrans</u> | |

Latest Expiration Date (if any) _____

Is this laboratory accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA? ☐ No ☒ Yes Expiration Date: October 28, 2016

Basis for accreditation:

- ☐ ISO/IEC 17025: General requirements for competence of testing and calibration laboratories
- ☐ 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)*



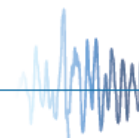


**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

STANDARDS

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

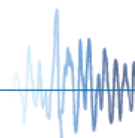
1 SOILS AND FOUNDATIONS							
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
☒	a.	ASTM D 2487	Classification of Soils	☒	b.	ASTM D 422	Particle Size Analysts
☒	c.	ASTM D 2216	Moisture Content	☒	d.	ASTM D 4318	Liquid / Plastic Limit
☐	e.	ASTM D 2850	Unconsolidated, Undrained Triaxial	☐	f.	ASTM D 4767	Triaxial Compression
☐	g.	ASTM D 2166	Unconfined Compressive Strength	☐	h.	ASTM D 7012	Triaxial Compressive Strength of Rock Core Specimens
☐	i.	ASTM D 5778	Friction Cone and Pizcone Penetration Test	☐	j.	ASTM D 3441	Cone Penetration Test (CPT)
☒	k.	ASTM D 1140	No. 200 Wash	☐	l.	ASTM D 4829	Expansion Index
☒	m.	ASTM D 2419	Sand Equivalent Value	☒	n.	ASTM D 1557	Soil Compaction – Modified
☐	o.	ASTM D 3080	Direct Shear	☒	p.	ASTM D 6938	Density of Soils – Nuclear Gage
☒	q.	ASTM D 1556	Density of Soils – Sand Cone	☐	r.	ASTM D 1143	Deep Foundations – Static Compression
☐	s.	ASTM D 4945	Deep Foundations – Dynamic Testing	☐	t.	ASTM D 3689	Deep Foundations – Axial Tension
☐	u.	ASTM D 3966	Deep Foundations –Lateral Loads				
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		
☐	aa.		☐	bb.			
☐	cc.		☐	dd.			
☐	ee.		☐	ff.			





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

2		CONCRETE					
Tests							
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure		
☒	a.	ASTM D 75	Sampling Aggregate	☒	b.	ASTM C 702	Reducing Aggregate Samples
☒	c.	ASTM C 40	Organic Impurities	☒	d.	ASTM C 29	Unit Weight / Voids
☐	e.	ASTM C 88	Sodium Sulfate Soundness	☒	f.	ASTM C 566	Moisture Content
☐	g.	ASTM C 142	Clay / Friable Particles	☒	h.	ASTM C 127	Specific Gravity - Coarse
☒	i.	ASTM C 128	Specific Gravity - Fine	☒	j.	ASTM C 117	No. 200 Wash
☒	k.	ASTM C 136	Sieve Analysis Course / Fine	☐	l.	ASTM C 131	Degradation of Aggregate
☒	m.	ASTM 2419	Sand Equivalent Value	☒	n.	ASTM C 31, C 172, CBC 1905A.1.2	Concrete Sampling - Field
☒	o.	ASTM C 192	Making / Curing Specimens - Lab	☒	p.	ASTM C 173	Air Content (V)
☐	q.	ASTM C 1602	Water	☐	r.	ASTM C1604	Shotcrete Core
☐	s.	ACI 355.2	Mechanical Anchors	☒	t.	ASTM C 231	Air Content (P)
☒	u.	ASTM C 143	Slump	☒	v.	ASTM C 1064	Temperature
☒	w.	ASTM C 617	Capping Concrete Specimens	☒	x.	ASTM C 1231	Unbonded Caps
☒	y.	ASTM C 39	Compressive Strength	☐	z.	ASTM C 157	Length Change
☒	aa.	ASTM C 78	Flexural Strength	☐	bb.	ASTM C 496	Splitting Tensile
☒	cc.	ASTM C 42	Drilled Cores / Beams	☒	dd.	ASTM C 138	Weight / Yield / Air Content
☐	ee.	ASTM C 495	Lightweight Concrete	☐	ff.	ASTM C 567	Density of Lightweight Aggregate
☒	gg.	ASTM E 488	Strength of Anchors	☐	hh.	ACI 355.4	Adhesive Anchors
☐	ii.	ACI 374.1	Moment Frames	☐	jj.	ASTM C 1260	Alkali Reactivity of Aggregate
☐	kk.	ASTM C 1293	Length Change due to Alkali-Silica Reaction	☐	ll.	ACI ITG-5.1	Post-Tensioned Precast Special Walls
☐	mm.	ASTM C42	Concrete Core	☐	nn.	ASTM D3039	Tensile Strength of FRP
☐	oo.	ASTM D4541	Pull of Strength of FRP	☐	pp.	ASTM A1034	Rebar Mechanical Splices
☐							
☐							
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		
☐	aa.		☐	bb.			
☐	cc.		☐	dd.			
☐	ee.		☐	ff.			





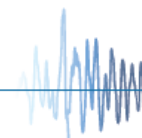
4	STEEL						
	Tests						
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
☒	a.	ASTM A 370	Tension Test	☒	b.	ASTM A 370	Bend
☐	c.	ASTM E 10	Brinell Hardness	☐	d.	ASTM E 18	Rockwell Hardness
☐	e.	ASTM E 190	Guided Bend	☐	f.	ASTM E 23	Charpy V - Notch
☐	g.	ASTM A 90	Weight of Coating	☐	h.	AISC 341 Section K2	Beam to Column Moment & EBF Connections Cyclic Tests
☐	i.	AISC 341 Section K3	BRBF Cyclic Tests	☐	j.	ASTM E 165	Liquid Penetrant
☒	k.	ASTM E 1444	Magnetic Particle	☐	l.	ASTM E 94	Radiographic
☒	m.	ASTM E 164	Ultrasonic	☒	n.	ASTM E 605	Density of SFRM
☐	o.	CBC 2203A.1	Material Identification	☐	P	ASTM F606	Bolt Tension Test
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
☐	aa.			☐	bb.		
☐	cc.			☐	dd.		
☐	ee.			☐	ff.		



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

5	Wood and Roof Assemblies						
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
☐	a.	ASTM D 3617	Analysis of Built-Up Roof Systems	☐	b.	ASTM D 4442	Moisture Content of Wood
☐	c.	ASTM C 67	Brick and Structural Clay Roof Tiles				
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
☐	aa.			☐	bb.		
☐	cc.			☐	dd.		
☐	ee.			☐	ff.		

6	COMPONENT, ASSEMBLY AND PROTOTYPE TESTING						
Tests							
Yes	Standard/Code Reference		Test Procedure	Yes	Standard/Code Reference		Test Procedure
☐	a.	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	☐	b.	ICC-ES AC 156	Shake Table Test
☐	c.	AAMA 501.6	Dynamic Test for Curtain Wall and Storefront Systems	☐	d.	FM 1950	Seismic Sway Brace Testing
<i>Tests that are in the lab's scope but are not listed above should be provided in the space(s) below.</i>							
☐	aa.			☐	bb.		
☐	cc.			☐	dd.		
☐	ee.			☐	ff.		





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

List of Attachments Supporting the Testing Agency/Laboratory Approval (Submit Each Attachment as Separate PDF)

Yes	Enclosure Type
☒	OSHPD Facilities Development Division (FDD) Payment Form (OSH-AD-367): http://www.oshpd.ca.gov/FDD/Forms/eSPForms/OSH-AD_367%20Facilities%20Development%20Division%20Payment%20Form.pdf
☒	DSA-LEA Laboratory Qualification as posted at DSA website: https://www.apps.dgs.ca.gov/tracker/ApprovedLabs.aspx
☒	Latest Copy of DSA 100: LEA Program Application as Submitted to DSA
☒	Latest copy of DSA 220: LEA Program On-Site Assessment Report
☒	Latest copy of DSA acceptance (letter) of the Lab. into the LEA program.
☒	Current Accreditation Certificate(s) including List of Tests for which Laboratory is Accredited
☐	Other (Please Specify):

OSHPD Approval

(For Office Use Only)

Signature:

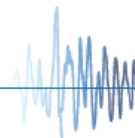
Approval Date: 11/14/2014

Print Name: James C. Pan

Approval Expiration Date: 10/28/2016

Title: District Structural Engineer

Condition of approval (if applicable):





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

INSTRUCTIONS FOR APPLYING TO THE
OSHPD PREAPPROVED LABORATORY (OPL) PROGRAM

Required Prior Approval or Accreditation

Prior to providing structural testing services on OSHPD projects a laboratory shall have either:

- Approval in the OSHPD Preapproved Laboratory (OPL) Program; or
- Evidence of laboratory's accreditation or acceptance in DSA-LEA program as, described in OSHPD Policy Intent Notice (PIN) 58 - *Approved Testing Agency/Laboratory for Structural Tests*, shall be submitted on a project-by-project basis.

Application

To apply for acceptance in the OPL Program, this application (**in Microsoft Word format with signature embedded**) along with all supporting documents shall be submitted to: OPL@OSHPD.CA.GOV by e-mail or equivalent. **No hard copy application shall be accepted.**

Acceptance

To be considered for acceptance in the OPL Program, a complete submittal shall include the applicable items listed below. OSHPD reserves the right to reject incomplete submissions.

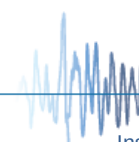
Approval

Approval shall be valid for up to six years, but not exceeding the approval expiration date by California Division of State Architect (DSA) Laboratory Evaluation and Acceptance (LEA) or accreditation bodies, as applicable.

Adverse Action or Removal of Tests

Any adverse action or removal of tests by accreditation bodies or DSA-LEA shall be a cause for removal of labs or tests from the OPL Program. Duty to inform the OPL Administrator when any such adverse action is taken is the responsibility of the laboratory approved in the OPL Program. Test results from laboratories where an adverse action is taken and the OPL Administrator has not been informed prior to performing the tests will be rejected by OSHPD and additional tests will be required to be performed by the owner. OSHPD will not be responsible for any additional costs incurred by the owner for the additional tests, or recovery of costs by the owner from the offending lab.

In addition, detection of potential anomalies by a lab or change of primary lab personnel that may impact health and safety of OSHPD regulated facilities shall be a cause for removal from OPL Program.





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

Verification

In addition to being on the OPL list, the architect or engineer in responsible charge shall verify that an approved agency is independent and acceptable as required by Title 24, Part 1, California Administrative Code (CAC) Section 7-141 on a project-by-project basis. This verification is performed through the project's Testing, Inspection, and Observation (TIO) Program.

ITEMS REQUIRED

Application and Fee:

A completed OPL Application Form (OSH-FD OPL 100), necessary supporting documents and the appropriate fee. The fee may be either in the form of a check payable to OSHPD or by credit card (preferred method) using the form at webpage below:

http://oshpd.ca.gov/FDD/Forms/eSPForms/OSH-AD_367%20Facilities%20Development%20Division%20Payment%20Form.pdf

If the firm has more than one facility or location, which will provide testing services for OSHPD regulated facilities, each location shall submit a separate OPL Application package and fee to be included and listed in the OPL Program.

An OPL number shall not be assigned until a completed application and application fee is received.

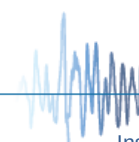
Supporting Documents:

- ❖ **Evidence of Laboratory Accreditation:** A copy of current accreditation certificate including scope of accreditation (a listing of tests for which lab is accredited) issued by an accreditation body in accordance with OSHPD PIN 58. Expiration date for accreditation, if any, shall be clearly indicated.
- ❖ **If application is based on DSA-LEA approval, the following additional documents shall be provided:**
 - Copy of Laboratory Qualification posted at DSA-LEA website
 - Latest copy of submitted DSA-100 application
 - DSA-LEA Program – Latest copy of Lab Assessment Report (DSA 220)
 - Latest copy of DSA Acceptance (letter) of the Lab into the LEA Program.

Contact:

If you have any questions, comments or suggestions please contact:

James Pan
OPL Program Administrator
Phone: (213) 897- 4073
E-mail: OPL@OSHPD.CA.GOV.





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Please see section-by-section application instructions below.

SECTION-BY-SECTION INSTRUCTIONS

Application Type / Fee

Indicate the type of application (new or renewal). Laboratories which are currently accepted in the Division of the State Architect Laboratory Evaluation and Acceptance (DSA-LEA) program are charged \$250.00. Laboratories which are accredited by other entities are charged a \$500.00 fee. Facilities that have both DSA-LEA and accreditation are charged \$500.00. Renewal fee is \$250.00.

All fees submitted shall be nonrefundable.

Applicant information

Enter both the physical and mailing address of the actual testing facility, not the headquarters or administrative facility.

Key Personnel

Individuals who perform more than one function shall be fully qualified for each role.

ENGINEERING MANAGER and ALTERNATE -- Engineering Manager, however named, shall:

- be an employee or owner of the laboratory and working at the facility;
- hold a management position in the company;
- not be employed by any other laboratory that provides testing or special inspection services; and
- have overall responsibility for technical operations and the quality system and its implementation.

LABORATORY SUPERVISOR – Laboratory Supervisor(s), however named, shall:

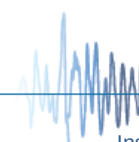
- be an employee of the laboratory;
- be responsible for the daily operation of the materials testing laboratory and supervision of technicians including, but not limited to, their training and oversight of equipment; and
- maintain the skills and training to oversee the activities of the laboratory.

FIELD SUPERVISOR – Field Supervisor(s), however named, shall:

- be an employee of the laboratory;
- be responsible for the daily operation of field technicians; and
- be responsible for supervision of field technicians including but not limited to supervision of field sampling, testing, scheduling, training and report review.

Accreditation

Indicate the name of all applicable accreditation bodies.





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

Standards

List only tests approved through DSA-LEA or accreditation for which the facility is equipped and has the personnel and expertise (qualifications and/or certifications) to perform.

OSHDP Approval

This section is for office use only.

