



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

APPLICATION FOR OSHPD PREAPPROVED LABORATORY (OPL)		For Office Use Only	
		Application #	OPL-0016-15
Name of Approved Agency/Laboratory BSK Associates	City Bakersfield	County Kern	State CA
APPLICATION TYPE / FEE			
Application is based on:	New Application Fee (Fees are Nonrefundable)	Renewal Fee (Fees are Nonrefundable)	
<input type="checkbox"/> DSA-LEA Approved Only	<input type="checkbox"/> \$250.00	<input type="checkbox"/> \$250.00	
<input type="checkbox"/> Accreditation Only	<input type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00	
<input checked="" type="checkbox"/> Both DSA-LEA Approved and Accreditation	<input checked="" type="checkbox"/> \$500.00	<input type="checkbox"/> \$250.00	
APPLICANT INFORMATION			
Applicant Name On Man Lau	Signature 	Position in the Organization Bakersfield Branch Manager	
Agency/Laboratory Name BSK Associates		Application Date 12/11/14	
Phone Number (661) 327-0671	E-Mail olau@bskinc.com		
Address of Facility Location <i>(Each facility location requires separate application.)</i> 700			
Street 22nd			
City: Bakersfield	County Kern	State: CA	Zip Code: 93301
Facility Mailing Address <i>(If different from facility address above.)</i>			
Street			
City:		State:	Zip Code:
KEY PERSONNEL <i>(Attach additional pages if needed.)</i>			
Engineering Manager <i>(or equivalent)</i> – Name On Man Lau	CA Registration Number C057398	Expiration Date 12/31/14	
Title in the Organization Bakersfield Branch Manager	Phone Number (661) 327-0671		
FAX Number (661) 324-4218	E-Mail olau@bskinc.com		
Alternate to Engineering Manager <i>(if any)</i> – Name	CA Registration Number	Expiration Date	
Title in the Organization	Phone Number		
FAX Number	E-mail		





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KEY PERSONNEL <i>(Attach additional pages if needed.)</i>		
Laboratory Supervisor – Name Clarito Colocado	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Engineering Lab Supervisor	Phone Number (661) 979-3041	
FAX Number (661) 324-4218	E-Mail lcolocado@bskinc.com	
Field Supervisor – Name Michael Collins Jr	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Project Manager	Phone Number (661) 800-1033	
FAX Number (661) 324-4218	E-mail mcollins@bskinc.com	

ACCREDITATION

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

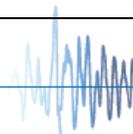
- AASHTO Accreditation Program (AAP) National Voluntary Laboratory Accreditation Program (NVLAP)
- International Accreditation Service (IAS) American Association of Laboratories Program (A2LA)
- Laboratory Accreditation Program (LAB) Construction Materials Engineering Council (CMEC)
- Other California Department of Transportation, Department of the Army

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: 4/25/17

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)*





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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		
<input checked="" type="checkbox"/>	a.	ASTM D 2487	Classification of Soils	<input type="checkbox"/>	b.	ASTM D 422	Particle Size Analysts
<input checked="" type="checkbox"/>	c.	ASTM D 2216	Moisture Content	<input checked="" type="checkbox"/>	d.	ASTM D 4318	Liquid / Plastic Limit
<input type="checkbox"/>	e.	ASTM D 2850	Unconsolidated, Undrained Triaxial	<input type="checkbox"/>	f.	ASTM D 4767	Triaxial Compression
<input type="checkbox"/>	g.	ASTM D 2166	Unconfined Compressive Strength	<input type="checkbox"/>	h.	ASTM D 7012	Triaxial Compressive Strength of Rock Core Specimens
<input type="checkbox"/>	i.	ASTM D 5778	Friction Cone and Pizocone Penetration Test	<input type="checkbox"/>	j.	ASTM D 3441	Cone Penetration Test (CPT)
<input checked="" type="checkbox"/>	k.	ASTM D 1140	No. 200 Wash	<input checked="" type="checkbox"/>	l.	ASTM D 4829	Expansion Index
<input checked="" type="checkbox"/>	m.	ASTM D 2419	Sand Equivalent Value	<input checked="" type="checkbox"/>	n.	ASTM D 1557	Soil Compaction – Modified
<input type="checkbox"/>	o.	ASTM D 3080	Direct Shear	<input type="checkbox"/>	p.	ASTM D 6938	Density of Soils – Nuclear Gage
<input type="checkbox"/>	q.	ASTM D 1556	Density of Soils – Sand Cone	<input type="checkbox"/>	r.	ASTM D 1143	Deep Foundations – Static Compression
<input type="checkbox"/>	s.	ASTM D 4945	Deep Foundations – Dynamic Testing	<input type="checkbox"/>	t.	ASTM D 3689	Deep Foundations – Axial Tension
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	aa.	ASTM D 698	Soil Compaction Standard	<input type="checkbox"/>	bb.	
<input checked="" type="checkbox"/>	cc.	ASTM D 421	Dry Preparation of Soil Samples	<input type="checkbox"/>	dd.	
<input type="checkbox"/>	ee.			<input type="checkbox"/>	ff.	





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2	CONCRETE				
Tests					
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input type="checkbox"/>	a.	ASTM D 75	<input checked="" type="checkbox"/>	b.	ASTM C 702
		Sampling Aggregate			Reducing Aggregate Samples
<input checked="" type="checkbox"/>	c.	ASTM C 40	<input checked="" type="checkbox"/>	d.	ASTM C 29
		Organic Impurities			Unit Weight / Voids
<input type="checkbox"/>	e.	ASTM C 88	<input checked="" type="checkbox"/>	f.	ASTM C 566
		Sodium Sulfate Soundness			Moisture Content
<input checked="" type="checkbox"/>	g.	ASTM C 142	<input checked="" type="checkbox"/>	h.	ASTM C 127
		Clay / Friable Particles			Specific Gravity - Coarse
<input checked="" type="checkbox"/>	i.	ASTM C 128	<input checked="" type="checkbox"/>	j.	ASTM C 117
		Specific Gravity - Fine			No. 200 Wash
<input checked="" type="checkbox"/>	k.	ASTM C 136	<input type="checkbox"/>	l.	ASTM C 131
		Sieve Analysis Course / Fine			Degradation of Aggregate
<input checked="" type="checkbox"/>	m.	ASTM D 2419	<input checked="" type="checkbox"/>	n.	ASTM C 31, C 172, CBC 1905A.1.2
		Sand Equivalent Value			Concrete Sampling - Field
<input checked="" type="checkbox"/>	o.	ASTM C 192	<input checked="" type="checkbox"/>	p.	ASTM C 173
		Making / Curing Specimens - Lab			Air Content (V)
<input type="checkbox"/>	q.	ASTM C 1602	<input type="checkbox"/>	r.	ASTM C1604
		Water			Shotcrete Core
<input type="checkbox"/>	s.	ACI 355.2	<input checked="" type="checkbox"/>	t.	ASTM C 231
		Mechanical Anchors			Air Content (P)
<input checked="" type="checkbox"/>	u.	ASTM C 143	<input checked="" type="checkbox"/>	v.	ASTM C 1064
		Slump			Temperature
<input checked="" type="checkbox"/>	w.	ASTM C 617	<input checked="" type="checkbox"/>	x.	ASTM C 1231
		Capping Concrete Specimens			Unbonded Caps
<input checked="" type="checkbox"/>	y.	ASTM C 39	<input checked="" type="checkbox"/>	z.	ASTM C 157
		Compressive Strength			Length Change
<input checked="" type="checkbox"/>	aa.	ASTM C 78	<input checked="" type="checkbox"/>	bb.	ASTM C 496
		Flexural Strength			Splitting Tensile
<input checked="" type="checkbox"/>	cc.	ASTM C 42	<input checked="" type="checkbox"/>	dd.	ASTM C 138
		Drilled Cores / Beams			Weight / Yield / Air Content
<input checked="" type="checkbox"/>	ee.	ASTM C 495	<input checked="" type="checkbox"/>	ff.	ASTM C 567
		Lightweight Concrete			Density of Lightweight Aggregate
<input type="checkbox"/>	gg.	ASTM E 488	<input type="checkbox"/>	hh.	ACI 355.4
		Strength of Anchors			Adhesive Anchors
<input type="checkbox"/>	ii.	ACI 374.1	<input type="checkbox"/>	jj.	ASTM C 1260
		Moment Frames			Alkali Reactivity of Aggregate
<input type="checkbox"/>	kk.	ASTM C 1293	<input type="checkbox"/>	ll.	ACI ITG-5.1
		Length Change due to Alkali-Silica Reaction			Post-Tensioned Precast Special Walls
<input type="checkbox"/>	mm.	ASTM C42	<input type="checkbox"/>	nn.	ASTM D3039
		Concrete Core			Tensile Strength of FRP
<input type="checkbox"/>	oo.	ASTM D4541	<input type="checkbox"/>	pp.	ASTM A1034
		Pull of Strength of FRP			Rebar Mechanical Splices
<input type="checkbox"/>					
<input type="checkbox"/>					
<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	Test Procedure	Yes	Standard	Test Procedure
<input checked="" type="checkbox"/>	aa.	ASTM C1252	<input checked="" type="checkbox"/>	bb.	ASTM D5821
		Uncompacted Void Content Fine Agg			%Fractured Pieces in Coarse Agg
<input checked="" type="checkbox"/>	cc.	ASTM D3744	<input type="checkbox"/>	dd.	
		Aggregate Durability Index			
<input checked="" type="checkbox"/>	ee.	ASTM D4791	<input type="checkbox"/>	ff.	
		Flat Elongated Pieces in Coarse Agg			





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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 140	Dimensions	<input checked="" type="checkbox"/>	b.	ASTM C 140	Compressive Strength
<input checked="" type="checkbox"/>	c.	ASTM C 140	Absorption	<input checked="" type="checkbox"/>	d.	ASTM C 140	Unit Weight
<input type="checkbox"/>	e.	ASTM C 140	Moisture Content	<input type="checkbox"/>	f.	ASTM C 426	Linear Drying Shrinkage
<input type="checkbox"/>	g.	CBC 2105A.2.2.1.4	Mortar Sampling	<input type="checkbox"/>	h.	CBC 2105A.2.2.1.4	Grout Sampling
<input type="checkbox"/>	i.	ASTM C 1314	Prism Compressive Strength	<input checked="" type="checkbox"/>	j.	ASTM C 1019	Grout Compressive Strength
<input type="checkbox"/>	k.	ASTM C 780	Mortar Compressive Strength	<input type="checkbox"/>	l.	ASTM C 39	Core Compressive Strength
<input type="checkbox"/>	m.	CBC 2105A.4	Core Shear	<input type="checkbox"/>	n.	ASTM C 1314	Prism Sampling
<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"/>	aa.			<input type="checkbox"/>	bb.		
<input type="checkbox"/>	cc.			<input type="checkbox"/>	dd.		
<input type="checkbox"/>	ee.			<input type="checkbox"/>	ff.		

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

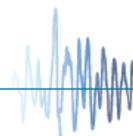




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5		Wood and Roof Assemblies					
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	ASTM D 3617	Analysis of Built-Up Roof Systems	<input type="checkbox"/>	b.	ASTM D 4442	Moisture Content of Wood
<input checked="" type="checkbox"/>	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>							
<input type="checkbox"/>	aa.			<input type="checkbox"/>	bb.		
<input type="checkbox"/>	cc.			<input type="checkbox"/>	dd.		
<input type="checkbox"/>	ee.			<input type="checkbox"/>	ff.		

6		COMPONENT, ASSEMBLY AND PROTOTYPE 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.	ICC-ES AC 156	Shake Table Test
<input type="checkbox"/>	c.	AAMA 501.6	Dynamic Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	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>							
<input type="checkbox"/>	aa.			<input type="checkbox"/>	bb.		
<input type="checkbox"/>	cc.			<input type="checkbox"/>	dd.		
<input type="checkbox"/>	ee.			<input type="checkbox"/>	ff.		





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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: 02/24/2015

Print Name: James C. Pan Approval Expiration Date: 04/25/2017

Title: District Structural Engineer

Condition of approval (if applicable):

