
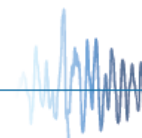




OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVED LABORATORY (OPL)		For Office Use Only	
		Application #	OPL-0032-15
Name of Approved Agency/Laboratory Holdrege & Kull Consulting Engineers & Geologist	City Nevada City	County Nevada	State California
<b>APPLICATION TYPE / FEE</b>			
<b>Application is based on:</b>	<b>New Application Fee</b> (Fees are Nonrefundable)	<b>Renewal Fee</b> (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	
<b>APPLICANT INFORMATION</b>			
Applicant Name John Atkinson	Signature 	Position in the Organization Principal	
Agency/Laboratory Name Holdrege & Kull Consulting Engineers & Geologist		Application Date July 17 <sup>th</sup> , 2015	
Phone Number 530-478-1305		E-Mail <a href="mailto:jatkinson@handk.net">jatkinson@handk.net</a>	
Address of Facility Location (Each facility location requires separate application.) 792			
Street Searls Avenue			
City: Nevada City	County Nevada	State: California	Zip Code: 95959
Facility Mailing Address (If different from facility address above.)			
Street			
City:		State:	Zip Code:
<b>KEY PERSONNEL</b> (Attach additional pages if needed.)			
Engineering Manager (or equivalent) – Name Chuck Kull	CA Registration Number G.E. 2359	Expiration Date 06/2017	
Title in the Organization Founding Principal	Phone Number 530-478-1305		
FAX Number 530-478-1019	E-Mail <a href="mailto:ckull@handk.net">ckull@handk.net</a>		
Alternate to Engineering Manager (if any) – Name Tom Holdrege	CA Registration Number C. E. 54208	Expiration Date 12/2015	
Title in the Organization Founding Principal	Phone Number 530-478-1305		
FAX Number 530-478-1019	E-mail <a href="mailto:tholdrege@handk.net">tholdrege@handk.net</a>		





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

Laboratory Supervisor – Name John Atkinson	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Principal	Phone Number 530-478-1305	
FAX Number 530-478-1019	E-Mail jatinson@handk.net	
Field Supervisor – Name John Atkinson	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Principal	Phone Number 530-478-1305	
FAX Number 530-478-1019	E-mail jatinson@handk.net	

**ACCREDITATION**

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

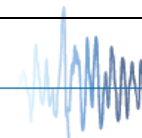
- ☒ AASHTO Accreditation Program (AAP)      ☐ National Voluntary Laboratory Accreditation Program (NVLAP)  
☐ International Accreditation Service (IAS)      ☐ American Association of Laboratories Program (A2LA)  
☐ Laboratory Accreditation Program (LAB)      ☐ Construction Materials Engineering Council (CMEC)  
☐ Other US Army Core of Engineers (exp March 27, 2016), California Department of Transportation (exp June 10, 2016)

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: March 13, 2018

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)*



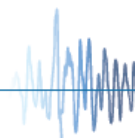


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**STANDARDS**

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.**

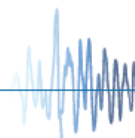
1	<b>SOILS AND FOUNDATIONS</b>						
<b>Tests</b>							
<b>Yes</b>	<b>Standard</b>		<b>Test Procedure</b>	<b>Yes</b>	<b>Standard</b>		<b>Test Procedure</b>
<input checked="" type="checkbox"/>	a.	ASTM D 2487	Classification of Soils	<input checked="" type="checkbox"/>	b.	ASTM D 422	Particle Size Analysts
<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 checked="" 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 Pizcone 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 checked="" type="checkbox"/>	o.	ASTM D 3080	Direct Shear	<input checked="" type="checkbox"/>	p.	ASTM D 6938	Density of Soils – Nuclear Gage
<input checked="" 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.							
<b>Yes</b>	<b>Standard</b>		<b>Test Procedure</b>	<b>Yes</b>	<b>Standard</b>		<b>Test Procedure</b>
<input checked="" type="checkbox"/>	aa.	AASHTO T88		<input checked="" type="checkbox"/>	bb.	AASHTO T89	
<input checked="" type="checkbox"/>	cc.	AASHTO T90		<input checked="" type="checkbox"/>	dd.	AASHTO T99	
<input checked="" type="checkbox"/>	ee.	AASHTO T100		<input checked="" type="checkbox"/>	ff.	AASHTO T176	
<input checked="" type="checkbox"/>	gg.	AASHTO T180		<input checked="" type="checkbox"/>	hh.	AASHTO T191	
<input checked="" type="checkbox"/>	ii.	AASHTO T208		<input checked="" type="checkbox"/>	jj.	AASHTO T236	
<input checked="" type="checkbox"/>	kk.	AASHTO T265		<input checked="" type="checkbox"/>	ll.	AASHTO T310	





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2		CONCRETE			
Tests					
Yes	Standard	Test Procedure	Yes	Standard	Test Procedure
<input checked="" type="checkbox"/>	a. ASTM D 75	Sampling Aggregate	<input checked="" type="checkbox"/>	b. ASTM C 702	Reducing Aggregate Samples
<input checked="" type="checkbox"/>	c. ASTM C 40	Organic Impurities	<input type="checkbox"/>	d. ASTM C 29	Unit Weight / Voids
<input type="checkbox"/>	e. ASTM C 88	Sodium Sulfate Soundness	<input checked="" type="checkbox"/>	f. ASTM C 566	Moisture Content
<input checked="" type="checkbox"/>	g. ASTM C 142	Clay / Friable Particles	<input checked="" type="checkbox"/>	h. ASTM C 127	Specific Gravity - Coarse
<input checked="" type="checkbox"/>	i. ASTM C 128	Specific Gravity - Fine	<input checked="" type="checkbox"/>	j. ASTM C 117	No. 200 Wash
<input checked="" type="checkbox"/>	k. ASTM C 136	Sieve Analysis Course / Fine	<input type="checkbox"/>	l. ASTM C 131	Degradation of Aggregate
<input checked="" type="checkbox"/>	m. ASTM D 2419	Sand Equivalent Value	<input checked="" type="checkbox"/>	n. ASTM C 31, C 172, CBC 1905A.1.2	Concrete Sampling - Field
<input checked="" type="checkbox"/>	o. ASTM C 192	Making / Curing Specimens - Lab	<input checked="" type="checkbox"/>	p. ASTM C 173	Air Content (V)
<input type="checkbox"/>	q. ASTM C 1602	Water	<input checked="" type="checkbox"/>	r. ASTM C1604	Shotcrete Core
<input type="checkbox"/>	s. ACI 355.2	Mechanical Anchors	<input checked="" type="checkbox"/>	t. ASTM C 231	Air Content (P)
<input checked="" type="checkbox"/>	u. ASTM C 143	Slump	<input checked="" type="checkbox"/>	v. ASTM C 1064	Temperature
<input checked="" type="checkbox"/>	w. ASTM C 617	Capping Concrete Specimens	<input checked="" type="checkbox"/>	x. ASTM C 1231	Unbonded Caps
<input checked="" type="checkbox"/>	y. ASTM C 39	Compressive Strength	<input type="checkbox"/>	z. ASTM C 157	Length Change
<input checked="" type="checkbox"/>	aa. ASTM C 78	Flexural Strength	<input type="checkbox"/>	bb. ASTM C 496	Splitting Tensile
<input checked="" type="checkbox"/>	cc. ASTM C 42	Drilled Cores / Beams	<input checked="" type="checkbox"/>	dd. ASTM C 138	Weight / Yield / Air Content
<input type="checkbox"/>	ee. ASTM C 495	Lightweight Concrete	<input type="checkbox"/>	ff. ASTM C 567	Density of Lightweight Aggregate
<input checked="" type="checkbox"/>	gg. ASTM E 488	Strength of Anchors	<input type="checkbox"/>	hh. ACI 355.4	Adhesive Anchors
<input type="checkbox"/>	ii. ACI 374.1	Moment Frames	<input type="checkbox"/>	jj. ASTM C 1260	Alkali Reactivity of Aggregate
<input type="checkbox"/>	kk. ASTM C 1293	Length Change due to Alkali-Silica Reaction	<input type="checkbox"/>	ll. ACI ITG-5.1	Post-Tensioned Precast Special Walls
<input checked="" type="checkbox"/>	mm. ASTM C 42	Concrete Core	<input type="checkbox"/>	nn. ASTM D 3039	Tensile Strength of FRP
<input type="checkbox"/>	oo. ASTM D 4541	Pull of Strength of FRP	<input type="checkbox"/>	pp. ASTM A 1034	Rebar Mechanical Splices
<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
<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 checked="" type="checkbox"/>	a.	ASTM A 370	Tension Test	<input checked="" 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 checked="" type="checkbox"/>	e.	ASTM E 290	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 checked="" type="checkbox"/>	k.	ASTM E 1444	Magnetic Particle	<input type="checkbox"/>	l.	ASTM E 94	Radiographic
<input checked="" type="checkbox"/>	m.	ASTM E 164	Ultrasonic	<input checked="" type="checkbox"/>	n.	ASTM E 605	Density of SFRM
<input checked="" type="checkbox"/>	o.	CBC 2203A.1	Material Identification	<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	aa.	AASHTO M31	Tension test	<input checked="" type="checkbox"/>	bb.	AASHTO T285	Bend
<input type="checkbox"/>	cc.			<input type="checkbox"/>	dd.		
<input type="checkbox"/>	ee.			<input type="checkbox"/>	ff.		



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

<b>6</b>	<b>COMPONENT, ASSEMBLY AND PROTOTYPE 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>		<b>Test Procedure</b>
<input type="checkbox"/>	<b>a.</b>	AAMA 501.4	Static Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	<b>b.</b>	ICC-ES AC 156	Shake Table Test
<input type="checkbox"/>	<b>c.</b>	AAMA 501.6	Dynamic Test for Curtain Wall and Storefront Systems	<input type="checkbox"/>	<b>d.</b>	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"/>	<b>aa.</b>			<input type="checkbox"/>	<b>bb.</b>		
<input type="checkbox"/>	<b>cc.</b>			<input type="checkbox"/>	<b>dd.</b>		
<input type="checkbox"/>	<b>ee.</b>			<input type="checkbox"/>	<b>ff.</b>		





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

Yes	Enclosure Type
<input checked="" type="checkbox"/>	OSHPD Facilities Development Division (FDD) Payment Form (OSH-AD-367): <a href="http://www.oshpd.ca.gov/FDD/Forms/eSPForms/OSH-AD_367%20Facilities%20Development%20Division%20Payment%20Form.pdf">http://www.oshpd.ca.gov/FDD/Forms/eSPForms/OSH-AD_367%20Facilities%20Development%20Division%20Payment%20Form.pdf</a>
<input checked="" type="checkbox"/>	DSA-LEA Laboratory Qualification as posted at DSA website: <a href="https://www.apps.dgs.ca.gov/tracker/ApprovedLabs.aspx">https://www.apps.dgs.ca.gov/tracker/ApprovedLabs.aspx</a>
<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 Lab. into the LEA program.
<input checked="" type="checkbox"/>	Current Accreditation Certificate(s) including List of Tests for which Laboratory is Accredited
<input type="checkbox"/>	Other (Please Specify): Caltrans Certification
<input checked="" type="checkbox"/>	Other (Please Specify): US Army Core of Engineers Certification
<input checked="" type="checkbox"/>	Other (Please Specify): ASNT Procedure for Qualification and Certification (NDTP_Gen_100)
<input checked="" type="checkbox"/>	Other (Please Specify): ASNT level I, level II, level III Certifications
<input checked="" type="checkbox"/>	Other (Please Specify): ASNT NDT Personal Certifications

**OSHPD Approval**

(For Office Use Only)

Signature:

Approval Date: 10/07/2015

Print Name: James C. Pan

Approval Expiration Date: 03/13/2018

Title: District Structural Engineer

Condition of approval (if applicable):

