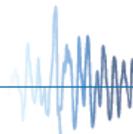




**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
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<b>APPLICATION FOR OSHPD PREAPPROVED LABORATORY (OPL)</b>		<b>For Office Use Only</b>	
		Application #	OPL-0042-15
Name of Approved Agency/Laboratory Kleinfelder, Inc.	City San Diego	County San Diego	State CA
<b>APPLICATION TYPE / FEE</b>			
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	
<b>APPLICANT INFORMATION</b>			
Applicant Name James L. Stiad	Signature 	Position in the Organization Project Manager	
Agency/Laboratory Name Kleinfelder, Inc.		Application Date December 1, 2015	
Phone Number 858-223-8500	E-Mail jstiady@kleinfelder.com		
Address of Facility Location <i>(Each facility location requires separate application.)</i>			
Street 5761 Copley Drive, Suite 100			
City: San Diego	County San Diego	State: CA	Zip Code: 92111
Facility Mailing Address <i>(If different from facility address above.)</i> Same as above			
Street			
City:		State:	Zip Code:
<b>KEY PERSONNEL</b> <i>(Attach additional pages if needed.)</i>			
Engineering Manager <i>(or equivalent)</i> – Name James L. Stiad	CA Registration Number 66243	Expiration Date 06/30/16	
Title in the Organization Project Manager	Phone Number 858-223-8500		
FAX Number 858-277-1035	E-Mail jstiady@kleinfelder.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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<b>KEY PERSONNEL</b> <i>(Attach additional pages if needed.)</i>		
Laboratory Supervisor – Name Ulysses Panuncialman	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Laboratory Manager	Phone Number 858-223-8500	
FAX Number 858-277-1035	E-Mail upanuncialman@kleinfelder.com	
Field Supervisor – Name Nikki Mangold	CA Registration Number <i>(if any)</i>	Expiration Date
Title in the Organization Field Services Supervisor	Phone Number 858-223-8500 / 858-232-6781	
FAX Number 858-277-1035	E-mail nmangold@kleinfelder.com	

<b>ACCREDITATION</b>
<p>This laboratory currently holds accreditation by: <i>(Attach a copy of current accreditation details.)</i></p> <p> <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 checked="" type="checkbox"/> Other <u>AMRL, CCRL, Caltrans, City of San Diego, DSA</u> </p> <p>Latest Expiration Date <i>(if any)</i> <u>Varies</u></p>
<p>Is this laboratory accepted in the Division of the State Architect Laboratory Evaluation and Acceptance Program, DSA-LEA?    <input type="checkbox"/> No      <input checked="" type="checkbox"/> Yes      Expiration Date: <u>09/23/18</u></p>
<p>Basis for accreditation:</p> <p> <input type="checkbox"/> ISO/IEC 17025: General requirements for competence of testing and calibration laboratories  <input type="checkbox"/> NISTIR 7012: Technical requirements for construction materials testing  <input checked="" type="checkbox"/> AASHTO R18: Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories  <input checked="" type="checkbox"/> ASTM E 329: Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction  <input checked="" type="checkbox"/> ASTM C 1077: Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation  <input checked="" type="checkbox"/> ASTM D 3666: Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials  <input checked="" type="checkbox"/> ASTM D 3740: Practice for Evaluation of Agencies Engaged in Testing and/or Inspections of Soils and Rock as Used Engineering Design and Construction  <input checked="" type="checkbox"/> ASTM C 1093: Practice for Accreditation of Testing Agencies for Unit Masonry  <input type="checkbox"/> ASTM E 1212: Practice for Quality Management Systems for <i>Nondestructive Testing (NDT)</i> Agencies  <input type="checkbox"/> ASTM E 543: Specification for Agencies Performing <i>Nondestructive Testing (NDT)</i> </p>





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<b>STANDARDS</b>					
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. <b>ONLY mark tests that are listed in accreditation certificate or DSA-LEA.</b>					
<b>1</b>	<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 type="checkbox"/>	a.	ASTM D 2487	<input checked="" type="checkbox"/>	b.	ASTM D 422
		Classification of Soils			Particle Size Analysts
<input checked="" type="checkbox"/>	c.	ASTM D 2216	<input checked="" type="checkbox"/>	d.	ASTM D 4318
		Moisture Content			Liquid / Plastic Limit
<input type="checkbox"/>	e.	ASTM D 2850	<input type="checkbox"/>	f.	ASTM D 4767
		Unconsolidated, Undrained Triaxial			Triaxial Compression
<input checked="" type="checkbox"/>	g.	ASTM D 2166	<input type="checkbox"/>	h.	ASTM D 7012
		Unconfined Compressive Strength			Triaxial Compressive Strength of Rock Core Specimens
<input type="checkbox"/>	i.	ASTM D 5778	<input type="checkbox"/>	j.	ASTM D 3441
		Friction Cone and Pizocone Penetration Test			Cone Penetration Test (CPT)
<input checked="" type="checkbox"/>	k.	ASTM D 1140	<input checked="" type="checkbox"/>	l.	ASTM D 4829
		No. 200 Wash			Expansion Index
<input checked="" type="checkbox"/>	m.	ASTM D 2419	<input checked="" type="checkbox"/>	n.	ASTM D 1557
		Sand Equivalent Value			Soil Compaction – Modified
<input checked="" type="checkbox"/>	o.	ASTM D 3080	<input checked="" type="checkbox"/>	p.	ASTM D 6938
		Direct Shear			Density of Soils – Nuclear Gage
<input type="checkbox"/>	q.	ASTM D 1556	<input type="checkbox"/>	r.	ASTM D 1143
		Density of Soils – Sand Cone			Deep Foundations – Static Compression
<input type="checkbox"/>	s.	ASTM D 4945	<input type="checkbox"/>	t.	ASTM D 3689
		Deep Foundations – Dynamic Testing			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 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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2 CONCRETE							
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	ASTM D 75	Sampling Aggregate	<input type="checkbox"/>	b.	ASTM C 702	Reducing Aggregate Samples
<input 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 type="checkbox"/>	f.	ASTM C 566	Moisture Content
<input 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 type="checkbox"/>	p.	ASTM C 173	Air Content (V)
<input type="checkbox"/>	q.	ASTM C 1602	Water	<input type="checkbox"/>	r.	ASTM C 1604	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 checked="" type="checkbox"/>	ee.	ASTM C 495	Lightweight Concrete	<input type="checkbox"/>	ff.	ASTM C 567	Density of Lightweight Aggregate
<input 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"/>							
<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.	CT 125	Sampling Aggregate	<input checked="" type="checkbox"/>	bb.	CT 201	Reducing Aggregate Samples
<input checked="" type="checkbox"/>	cc.	CT 214	Organic Impurities	<input checked="" type="checkbox"/>	dd.	CT 212	Unit Weight / Voids
<input checked="" type="checkbox"/>	ee.	CT 214	Sodium Sulfate Soundness	<input checked="" type="checkbox"/>	ff.	CT 226	Moisture Content





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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 checked="" 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 checked="" type="checkbox"/>	h.	CBC 2105A.2.2.1.4	Grout Sampling
<input checked="" 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 checked="" type="checkbox"/>	l.	ASTM C 39	Core Compressive Strength
<input checked="" type="checkbox"/>	m.	CBC 2105A.4	Core Shear	<input checked="" 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 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 checked="" 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 checked="" type="checkbox"/>	n.	ASTM E 605	Density of SFRM
<input type="checkbox"/>	o.	CBC 2203A.1	Material Identification	<input checked="" type="checkbox"/>	P	ASTM F 606	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.		

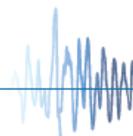




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5 Wood and Roof Assemblies							
Tests							
Yes	Standard		Test Procedure	Yes	Standard		Test Procedure
<input type="checkbox"/>	a.	ASTM D 3617	Analysis of Built-Up Roof Systems	<input type="checkbox"/>	b.	ASTM D 4442	Moisture Content of Wood
<input 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
<input 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 type="checkbox"/>	Current Accreditation Certificate(s) including List of Tests for which Laboratory is Accredited
<input checked="" type="checkbox"/>	Other (Please Specify): AMRL, Caltrans, City of San Diego

**OSHPD Approval**

(For Office Use Only)

Signature:

Approval Date:

01/29/2016

Print Name:

James C. Pan

Approval Expiration Date:

09/23/2018

Title:

District Structural Engineer

Condition of approval (if applicable):

