

APPLICATION FOR HCAI PR	AGENCY (OPAA) FOR		OFFICE USE ONLY			
STRUCTURAL TESTS AND SPECIAL INSPECTION		ECTIONS		OPAA-0009		
Approved Agency		City		County	State	ZIP Code
GROUP DELTA CONSULTA	NTS, INC.	SAN DIEGO	S	an Diego	CA	92126
APPLICATION TYPE						
Combined Testing AND Spec	cial Inspection A	gency				
APPLICANT INFORMATION						
Applicant Name Jan Krehbiel				Position in Lab Ma	the Organization nager	
Agency's Local Name Group Delta Consultants, Inc.				Application 8/12/20		
Phone Number (858) 536-1000		E-mail JANK@GROUPI	DELTA.	СОМ		
Address of Facility Location (Each facility location	on requires separate ap	plication.)	70			
Street 9245 ACTIVITY ROAD, SUITE 10	03	HCAi	Ś			
City SAN DIEGO	13/	County San Diego		State CA	Zip Co 9212	
Facility Mailing Address						
Street 9245 Activity Road, Suite 103	O B'	Y: Mohammad Karim		0		
^{City} San Diego	D	ATE: 10/4/2024		State CA	Zip Co 9212	
Key Agency Personnel						
Engineering Manager - Name Matt Fagan	16	CA Registration Number GE2569			opiration Date 2/31/2025	
Fitle in the Organization Senior Geotechnial Engineer	Th	Phone Number (858) 536-1000				
Alternate Phone Number		E-Mail mattf@groupdelt	a.com			
Key Agency Personnel						
Alternate Engineering Manager - Name Chris Vonk		CA Registration Number GE3216			xpiration Date 3/31/2025	
Fitle in the Organization Senior Engineer		Phone Number (858) 536-1000				
Alternate Phone Number (619) 490-0040		E-Mail chrisv@groupdel	ta.com			

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Key Agency Personnel				
Geotechnical Engineering Contact - Name Matt Fagan	CA Registration Number GE2569	Expiration Date 12/31/2025		
Title in the Organization Senior Engineer	Phone Number (858) 536-1000	•		
Alternate Phone Number	E-Mail Matt@groupdelta.com			

Key Testing Personnel				
Testing Supervisor - Name Jan Krehbiel	CA Registration Number	Expiration Date		
1 1 1 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	Phone Number (858) 536-1000			
	E-Mail jank@groupdelta.com			

Key Testing Personnel		
Field Testing Supervisor - Name Jonathan Davis	CA Registration Number	Expiration Date
Title in the Organization Field Services Manager	Phone Number (858) 536-1000	<u>.</u>
Alternate Phone Number (619) 520-2825	E-Mail jonathand@groupdelta.com	1

	MAXM-MYAVYAVAAVAAVA				
Key Special Inspections Pe	Key Special Inspections Personnel				
Special Inspection Supervisor - Name Jonathan Davis	O BA: Mor	CA Registration Number	Expiration Date		
Title in the Organization Field Services Manager	DATE:	Phone Number (858) 536-1000			
Alternate Phone Number (619) 520-2825		E-Mail jonathand@groupdelta.com			

Key Special Inspections Personnel		
Field Special Inspection Supervisor - Name Jonathan Davis	CA Registration Number	Expiration Date
Title in the Organization Field Services Manager	Phone Number (858) 536-1000	
Alternate Phone Number (619) 520-2825	E-Mail jonathand@groupdelta.con	n

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ACCRE	DITATION AND QUAL	IFICATIONS			
Agency	currently holds accreditation	on by: (Attach a copy of current	accreditation details.)		
AASHTO	O Accreditation Program (AAP)			
Latest E	Expiration Date (if any)				
Is this A	gency accepted in the Div	rision of the State Architect Labo	oratory Evaluation and A	Acceptance Program, DS	SA-LEA?
	No X Yes	Expiration Date	09/15/2024	LEA#	193
Basis fo	or accreditation				
X	AASHTO R18: Standard Materials Testing Labora	Recommended Practice for Es	tablishing and Impleme	nting a Quality System f	or Construction
X	ASTM E 329: Specificati	on for Agencies Engaged in the	Testing and/or Inspecti	on of Materials Used in	Construction
X	ASTM C 1077: Practice for Laboratory Evaluation	for Laboratories Testing Concre	te and Concrete Aggree	gates for Use in Constru	ction and Criteria
X	ASTM D 3666: Specifica Materials	tion for Minimum Requirements	for Agencies Testing a	nd Inspecting Bituminou	ıs Paving
X	ASTM D 3740: Practice Engineering Design and	for Evaluation of Agencies Enga Construction	aged in Testing and/or li	nspections of Soils and	Rock as Used
Basis fo	or Test Technician/Speci	al Inspector Qualification			
X	Certification listed in IAS	AC 291 Table 1: Minimum Qua	lifications for Special In	spectors	
X	Welding inspectors satis	fy <mark>ing th</mark> e requirements of the CE	SC Section 1705A.2.5		

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1 SOILS AND FOUNDATIONS				
Tests				
Standard	Test Procedure	Standard	Test Procedure	
ASTM D 1140	No. 200 Wash	ASTM D 1556	Density of Soils – Sand Cone	
ASTM D 1557	Soil Compaction – Modified	ASTM D 1883	CBR Lab. Compacted Soils	
ASTM D 2216	Water Content of Soil	ASTM D 2419	Sand Equivalent Value	
ASTM D 2435	Consolidation Test	ASTM D 2844	Resistance R-Value & Exp. Pressure	
ASTM D 3080	Direct Shear	ASTM D 3744	Durability Index	
ASTM D 421	Dry Prep of Soil	ASTM D 422	Particle Size Analysts	
ASTM D 4318	Liquid I Plastic Limit	ASTM D 4546	Swell or Collapse Test	
ASTM D 4718	Oversize Rock Correction	ASTM D 4829	Expansion Index	
ASTM D 6913	Gradation of Soil Using Sieve Analysis	ASTM D 6938	Density of Soils – Nuclear Gage	
ASTM D 698	Compaction of Soil-Standard			
Tests that are in th	e lab's scope but are not listed above should l	be provided in the s	pace(s) below.	
Standard	Test Procedure	Standard	Test Procedure	
	OPAA-	.0009		
2	(//////////////////////////////////////	CONCRETE		
Tests .				
Standard	Test Procedure	Standard	Test Procedure	
ASTM C 1064	Temperature DATE: 10/4	ASTM C 1140	Shotcrete Compression	
ASTM C 117	No. 200 Wash	ASTM C 1231	Unbonded Caps	
ASTM C 127	Specific Gravity - Coarse	ASTM C 128	Specific Gravity - Fine	
ASTM C 136	Sieve Analysis Course I Fine	ASTM C 138	Density I Yield I Air Content	
ASTM C 143	Slump	ASTM C 1542	Measuring Length of Cores	
ASTM C 1604	Shotcrete Core	ASTM C 172	Sampling Freshly Mixed Concrete	
ASTM C 173	Air Content (V)	ASTM C 231	Air Content (P)	
ASTM C 31	Concrete Sampling - Field	ASTM C 39	Compressive Strength	
ASTM C 40	Organic Impurities	ASTM C 42	Concrete Core	
ASTM C 511	Moist Cure Rooms/Tanks	ASTM C 566	Moisture Content of Aggregate	
ASTM C 617	Capping Concrete Specimens	ASTM C 702	Reducing Aggregate Samples	
ASTM C 78	Flexural Strength	ASTM C 88	Sodium Sulfate Soundness	
ASTM D 1560	Stabilometer Value	ASTM D 1561	Prep for HMA Test Specimens	
ASTM D 2041	Maximum Theo. Specific Gravity	ASTM D 2726	Specific Gravity of Marshall Sample	
	D (A: V/:1: 0 () A 1/4	ASTM D 3744	Aggregate Durability Index	
ASTM D 3203	Percent Air Voids in Compacted Asphalt Mixtures	ASTW D 3744	Aggregate Darability mack	

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2		CONCRETE	
Tests			
Standard	Test Procedure	Standard	Test Procedure
ASTM D 6926	Prep of Asphalt Mixture Specimens Using Marshal Apparatus	ASTM D 6927	Marshall Stability & Flow of Asphalt Mixtures
ASTM D 75	Sampling Aggregate		
Tests that are in th	e lab's scope but are not listed above should b	e provided in the s	space(s) below.
Standard	Test Procedure	Standard	Test Procedure
3		MASONRY	•
Tests	•		
Standard	Test Procedure	Standard	Test Procedure
ASTM C 1019	Sampling and Testing Grout (Compressive Strength)	ASTM C 39	Core Compressive Strength
Tests that are in th	e lab's scope but are not listed above should b	e provided in the s	space(s) below.
Standard	Test Procedure	Standard	Test Procedure
		WXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	4
4	OPAA-	STEEL	
Tests	1 1000		
Standard	Test Procedure	Standard	Test Procedure
ASTM E 18	Rockwell Hardness	ASTM E 605	Density of SFRM
Tests that are in th	e lab's scope but are not listed above should b	e provided in the s	space(s) below.
Standard	Test Procedure	Standard	Test Procedure
5	WOOD	AND ROOF ASS	EMBLIES
Tests	TVI A man TANKI TAN		
Standard	Test Procedure	Standard	Test Procedure
Tests that are in th	 e lab's scope but are not listed above should b	e provided in the s	space(s) below.
Standard	Test Procedure	Standard	Test Procedure
6	COMPONENT, ASSE	MBLY, PROTOTY	PE & MISCELLANEOUS
Tests			
Standard	Test Procedure	Standard	Test Procedure
Tests that are in the	e lab's scope but are not listed above should b	e provided in the s	space(s) below.
Standard	Test Procedure	Standard	Test Procedure

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7	TEST TECHNICIANS					
* 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*	Indicate Full Time, Part Time, or Consultant	
Roy Bucher	Soils Nuclear Gauge	CPN International	33831	01/26/2025	Full-Time	
Jonathan Davis	Masonry Field Testing Technician	ACI	00085406	09/24/2026	Full-Time	
Jonathan Davis	Masonry Laboratory Testing Technician	ACI	00085406	06/17/2026	Full-Time	
Jonathan Davis	Soils Nuclear Gauge	Troxler	31385B9EA5D8BD3 2	01/23/2025	Full-Time	
Jonathan Davis	RSO	Q/C Resource	5772	10/27/2025	Full-Time	
Jonathan Davis	Concrete Field Testing Technician - Grade I	ACI FOR CO	00085406	08/28/2025	Full-Time	
Diego Estrada	Concrete Field Testing Technician - Grade I	ACI EC	02249997	12/01/2028	Full-Time	
Diego Estrada	Soils Nuclear Gauge	APNGA OPAA	22741-168-591- 3143	01/30/2025	Full-Time	
Miguel Estrada	Soils Nuclear Gauge	APNGA BY: Mohami	12191-164-573- 2947 Karim	01/29/2025	Full-Time	
Miguel Estrada	Concrete Strength Testing Technician	ACI	02190973	04/02/2028	Full-Time	
Miguel Estrada	Concrete Field Testing Technician - Grade I	ACI	02190973	10/07/2027	Full-Time	
Marty Fountain	Soils Nuclear Gauge	CPN International	32662	01/17/2025	Full-Time	
Dorothy Guzman	Soils Nuclear Gauge	APNGA BUTTE	15220-165-610- 4969	02/04/2025	Full-Time	
Annalee Hernandez	Soils Nuclear Gauge	Maurer Technical Services	51012	01/22/2025	Full-Time	
Annalee Hernandez	Concrete Field Testing Technician - Grade I	ACI	02137615	03/03/2028	Full-Time	
Monica Hernandez	Concrete Field Testing Technician - Grade I	ACI	01064089	02/03/2028	Full-Time	
Anthony Herrera	Soils Nuclear Gauge	CPN International	37280	02/01/2025	Full-Time	
Anthony Herrera	Concrete Field Testing Technician - Grade I	ACI	00101400	08/13/2026	Full-Time	
Josh Joksch	Soils Nuclear Gauge	APNGA	16864-165-282- 4540	01/22/2025	Full-Time	

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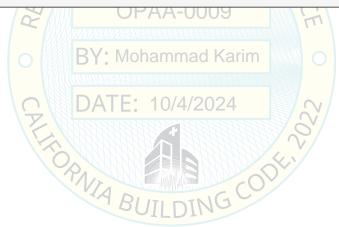




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7	TEST TECHNICIANS					
* To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.						
Test Technician's Name	Certification/ License type	Certification/ Licensing Agency	Certification/ License Number	Expiration Date*	Indicate Full Time, Part Time, or Consultant	
Lexi Lacuesta	Soils Nuclear Gauge	APNGA	64415-172-297- 9620	08/06/2027	Full-Time	
Elizabeth Mehlhorn	Soils Nuclear Gauge	APNGA	56588-169-359- 8517	09/01/2026	Full-Time	
Samuel Narveson	Soils Nuclear Gauge	APNGA	Z8Shnn915R	07/05/2027	Full-Time	
Kory Nutter	Soils Nuclear Gauge	APNGA	PyoAjllFn1	07/27/2026	Full-Time	
Casey Rousset- Johnson	Soils Nuclear Gauge	APNGA	63247-171-841- 9861	06/14/2027	Full-Time	
Alan Sanchez	Soils Nuclear Gauge	APNGA CC	22044-168-418- 9656	01/24/2025	Full-Time	
Alan Sanchez	Concrete Field Testing Technician - Grade I	ACI	2231672	12/08/2028	Full-Time	



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8	SOILS AND FOUNDATIONS					
Special Inspections						
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
CBC 1705/1705A	Soils (Excavations and Fills)					
Special Inspections	that are in the lab's scope but are not listed	above should be pro	vided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
9		CONCRETE				
Special Inspection	s					
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
CBC 1705/1705A	Post-Installed Anchors	CBC 1705/1705A & ACI 318	Pre-Stressed Concrete			
CBC 1705/1705A & ACI 318	Reinforced Cast-In-Place Concrete	CBC 1705/1705A & ACI 318	Reinforced Pre-Cast Concrete			
CBC 1705/1705A & AWS D1.4	Rebar Welding	CBC 1705/1705A and ASTM C94	Batch Plant			
Special Inspections	that are in the lab's scope but are not listed	above should be pro	vided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
10	DI. Worlding	MASONRY				
Special Inspections	DATE: 404	MASONNI				
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
CBC 1705/1705A &	Rebar Welding	CBC 1705/1705A	Masonry Placement			
AWS D1.4	ixebal Weiding	& TMS 602	Iviasonly Flacement			
Special Inspections	that are in the lab's scope but are not listed	above should be pro	vided in the space(s) below.			
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
11	STEEL					
Special Inspections	s					
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection			
CBC 1705/1705A	Fireproofing	CBC 1705/1705A, AISC 360 & 341	High Strength Bolts			
CBC 1705/1705A, AISC 360 & 341	Steel Fabrication & Erection	CBC 1705/1705A, AWS QC1, AISC 360 & 341	Welding			
Special Inspections	that are in the lab's scope but are not listed	above should be pro	vided in the space(s) below.			

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12	WOOD AND ROOF ASSEMBLIES			
Special Inspections				
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection	
Special Inspections the	at are in the lab's scope but are not listed	above should be provid	led in the space(s) below.	
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection	
13	NONSTRUCTURAL COMPONI	ENTS AND MISCELLAN	IEOUS SPECIAL INSPECTIONS	
Special Inspections				
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection	
Special Inspections the	at are in the lab's scope but are not listed	 d above should be provid	led in the space(s) below.	
Code/Standard	Field and Types of Inspection	Code/Standard	Field and Types of Inspection	

OPAA-0009

BY: Mohammad Karim

DATE: 10/4/2024



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14	SPECIAL INSPECTORS	
To update expiration date a renewal application for OPAA and proof of renewal for certification/license shall be required.		

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*	Indicate Full Time, Part Time, or Consultant
Jonathan Davis	Certified Welding Inspector	AWS	06050521	05/01/2027	Full-Time
Jonathan Davis	Soils Special Inspector	ICC	5236421	11/02/2025	Full-Time
Jonathan Davis	Structural Welding Special Inspector	ICC	5236421	11/02/2025	Full-Time
Jonathan Davis	Structural Steel and Bolting Special Inspector	ICC	5236421	11/02/2025	Full-Time
Jonathan Davis	SFRM Special Inspector	ICC FOR CC	5236421	11/02/2025	Full-Time
Jonathan Davis	Structural Masonry Special Inspector	ICC	5236421	11/02/2025	Full-Time
Jonathan Davis	Reinforced Concrete Special Inspector	icc 1	5236421	11/02/2025	Full-Time
Jonathan Davis	Master of Special Inspections	ICC OPAA	5236421	11/02/2025	Full-Time
Wallace Davis	Master of Special Inspections	ICCBY: Mohami	8131645 rim	09/24/2026	Part-Time
Wallace Davis	SFRM Special Inspector	ICC DATE: 10/	8131645 4/2024	09/24/2026	Part-Time
Wallace Davis	Structural Welding Special Inspector	ICC	8131645	09/24/2026	Part-Time
Wallace Davis	Structural Steel and Bolting Special Inspector	ICC	8131645	09/24/2026	Part-Time
Wallace Davis	Structural Masonry Special Inspector	ICC BUILI	8 <mark>131</mark> 645	09/24/2026	Part-Time
Wallace Davis	Reinforced Concrete Special Inspector	ICC	8131645	09/24/2026	Part-Time
Wallace Davis	Certified Welding Inspector	AWS	99010231	01/01/2026	Part-Time
Monica Hernandez	Certified Welding Inspector	AWS	09091551	09/30/2027	Full-Time
Monica Hernandez	Structural Steel and Bolting Special Inspector	ICC	5316480	02/26/2026	Full-Time
Monica Hernandez	Structural Masonry Special Inspector	ICC	5316480	02/26/2026	Full-Time
Monica Hernandez	Prestressed Concrete Special Inspector	ICC	5316480	02/26/2026	Full-Time

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14	SPECIAL INSPECTORS				
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*	Indicate Full Time, Part Time, or Consultant
Monica Hernandez	Reinforced Concrete Special Inspector	ICC	5316480	02/26/2026	Full-Time
Monica Hernandez	Structural Steel and Welding Special Inspector - Legacy	ICC	5316480	02/26/2026	Full-Time
Anthony Herrera	Soils Special Inspector	ICC	8206983	07/17/2026	Full-Time
Special Inspectors with e.	xpired license shall not be p	ermitted to perform Tests.	-	-	-





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15	SUMMARY OF AGENCY'S TESTING AND SPECIAL INSPECTION SERVICES			
Structural Tests & Special Inspections				
	Structural Tests	Structural Special Inspections		
Aggregate		Batch Plant		
Concrete		Deep Foundations		
Masonry		Earthwork		
Post-Installed Anch	nors	High-Strength Bolts and other Fasteners		
Shotcrete		Masonry		
Soil		Post-Installed Anchors		
		Pre-Cast Concrete		
	OR CO	Pre-Stressed Concrete		
	ENED FOR	Reinforced Concrete		
		Spray Applied Fireproofing		
		Steel Welding		
Tests and Special	Inspections that are in the Agency's scope b	ut are not listed above should be provided in the space(s) below.		
High-Strength Bolts	s - Hardness			
HCAL Approval	RV. Moham	Mad Karim		

HCAI Appro	oval (For Office Use	e Only)
Print Name:	Mohammad Karim DATE: 10/4/2	Approval 10/04/2024 Date:
Title:	Supervisor, Health Facilities Review	Approval Expiration Date: 09/15/2028
Condition of	approval (if applicable):	IG CODE



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