

## Certificates for Christian Sousa

### Basic Information

<b>First Name</b>	Christian
<b>Last Name</b>	Sousa
<b>Status</b>	Active

### Associated Labs

Total 6 items.

Lab Name	Manager Name	Full Address	District	Page Alias
Atlas Technical Consultants Mobile Lab #2	Samir El-Chammas	431 South Broadway, Blythe, CA 92225	8	Lab 1
CT D04 - Hayward Construction Field Laboratory	Gurind Joshi	21339 Cabot Boulevard, Hayward, CA 94545	4	Lab 2
CT D04 - Materials Laboratory	Venu Gopal	21339 Cabot Boulevard, Hayward, CA 94545	4	Lab 3
Atlas Technical Consultants - Whittier	Samir El-Chammas	12409 Slauson Avenue, Suite I, Whittier, CA 90606	7	Lab 4
Atlas Technical Consultants - Sacramento	Baron Colbert	7051 Power Inn Rd, Sacramento, CA 95828	3	Lab 5
Atlas Technical Consultants Mobile Lab #1	Samir El-Chammas	431 South Broadway , Blythe, CA 92225	8	Lab 6

## Test Methods

### California Test (CT) Certifications

Total 25 items.

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 105 Calculations - Gradings (JTCP - HMA I / S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
CT 106 Definitions - Specific Gravity (SpG)	2025-02-13	Active	Alexis England	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
CT 125 AGG Sampling - AGGREGATES (JTCP - HMA I / S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 4	(No comments)
CT 125 HMA Sampling - HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 4	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 201 Sample Preparation - Soil and Aggregates (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
CT 202 Sieve analysis - Fine and Coarse Aggregates (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	Did not participate in 2022 CSP CT 202. Please contact CSP@dot.ca.gov for reinstatement instructions.
CT 205 Percent Crushed Particles (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 3	(No comments)
CT 216 Relative Compaction - Soils and Aggregates (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 4, Lab 6	(No comments)
CT 217 Sand Equivalent (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 4, Lab 6	(No comments)
CT 226 Moisture Content - Soils and Aggregates (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 227 Cleanness Value (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
CT 229 Durability (JTCP - S&A)	2027-01-05	Active	Firooz Ahmad Hosainy	Lab 1, Lab 3, Lab 4, Lab 6	(No comments)
CT 231 Relative Compaction - Nuclear Gage	2025-06-27	Active	David Small	Lab 1, Lab 2, Lab 4, Lab 5, Lab 6	(No comments)
CT 306 Reducing Samples of Asphalt Mixtures (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 2, Lab 4	(No comments)
CT 366 Stabilometer	2024-03-09	Expired	David Small	Lab 3	(No comments)
CT 389 Hamburg Wheel-Track	2026-02-13	Active	Alexis England	Lab 3	(No comments)
CT 504 Air Content of PCC - Pressure Method (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 4, Lab 6	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 518 Unit Weight - PCC (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 4, Lab 6	(No comments)
CT 523.1 Section B.1 & B.2 Flexural Strength (Field Fabrication) (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 2, Lab 4, Lab 6	(No comments)
CT 539 Sampling Fresh Concrete (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 2, Lab 4, Lab 6	(No comments)
CT 540 Making Cylinders - PCC (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 4, Lab 6	(No comments)
CT 543 Air Content of PCC - Volumetric Method (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	(No lab)	(No comments)
CT 552 Relative Compaction of Polymer Concrete	2025-06-27	Active	David Small	Lab 1, Lab 2, Lab 4, Lab 5, Lab 6	(No comments)
CT 556 Slump - PCC (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 4, Lab 6	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 557 Temperature - PCC (JTCP - PCC)	2028-12-08	Active	Gabriela Lopez	Lab 1, Lab 4, Lab 6	(No comments)

## AASHTO/ASTM Proficiencies

Total 21 items.

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
AASHTO T11 Sieve Analysis (Washing) - Fine Aggregates (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
AASHTO T27 Sieve Analysis - Fine and Coarse Aggregates (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
AASHTO R47 Reducing Samples of HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4	(No comments)
AASHTO R76 Reducing Samples of Agg (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T84 SpG & Absorption - Fine Aggregates	2026-02-13	Active	Alexis England	Lab 1, Lab 3, Lab 4, Lab 6	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
AASHTO T85 SpG & Absorption - Coarse Aggregates	2026-02-13	Active	Alexis England	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
AASHTO T96 L.A. Rattler	2026-02-13	Active	Alexis England	Lab 3	(No comments)
AASHTO T166 Bulk SpG of Compacted HMA - SSD (JTCP - HMA II)	2026-09-15	Active	Avinash Ralla	Lab 3, Lab 4	(No comments)
AASHTO T176 Sand Equivalent (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T209 Max SpG and Density - HMA (JTCP - HMA II)	2026-09-15	Active	Avinash Ralla	Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T255 Evaporable Moisture Content (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T269 Percent Air Voids - HMA (JTCP - HMA II)	2026-09-15	Active	Avinash Ralla	Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T275 Bulk SpG - HMA (JTCP - HMA II)	2026-09-15	Active	Avinash Ralla	Lab 2, Lab 3, Lab 4	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
AASHTO T283 Moisture Induced Damage (TSR)	2026-02-13	Active	Alexis England	Lab 3	(No comments)
AASHTO T304 Uncompacted Void - Fine Aggregate	2026-02-13	Active	Alexis England	Lab 3	(No comments)
AASHTO T308 AC Content (Ignition Oven) - HMA (JTCP - HMA II)	2026-09-15	Active	Avinash Ralla	Lab 2, Lab 3, Lab 4	(No comments)
AASHTO T312 Gyratory Compactor	2026-02-13	Active	Alexis England	Lab 3	(No comments)
AASHTO T324 Hamburg Wheel-Track	2026-02-13	Active	Alexis England	Lab 3	(No comments)
AASHTO T329 Moisture Content (Oven Method) - HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
AASHTO T335 Percentage of Fracture (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2, Lab 3, Lab 4, Lab 6	(No comments)
ASTM D4791 Flat and Elongated Particles	2025-02-13	Active	Alexis England	Lab 3	(No comments)