

## Certificates for Robert Cruz

### Basic Information

<b>First Name</b>	Robert
<b>Last Name</b>	Cruz
<b>Status</b>	Active

### Associated Labs

Total **2** items.

Lab Name	Manager Name	Full Address	District	Page Alias
Caltrans - Hayward Construction Lab	Gurind Joshi	21339 Cabot Blvd, Hayward, CA 94545	4	Lab 1
Caltrans District 4 Materials Laboratory	Venu Gopal	21339 Cabot Blvd, Hayward , CA 94545	4	Lab 2

### Test Methods

#### California Test (CT) Certifications

Total **28** items.

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 105 Calculations - Gradings (JTCP - HMA I / S&A)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
CT 125 AGG Sampling - AGGREGATES (JTCP - HMA I / S&A)	2025-04-22	Active	Avinash Ralla	Lab 1	(No comments)
CT 125 HMA Sampling - HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1	(No comments)
CT 201 Sample Preparation - Soil and Aggregates (JTCP - S&A)	2022-02-11	Expired	Soroosh Amelian	Lab 1, Lab 2	(No comments)
CT 202 Sieve analysis - Fine and Coarse Aggregates (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 1, Lab 2	(No comments)
CT 205 Percent Crushed Particles (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 2	(No comments)
CT 216 Relative Compaction - Soils and Aggregates (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 1	(No comments)
CT 217 Sand Equivalent (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 1	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 226 Moisture Content - Soils and Aggregates (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 1, Lab 2	(No comments)
CT 227 Cleanness Value (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 1, Lab 2	(No comments)
CT 229 Durability (JTCP - S&A)	2025-02-04	Active	Soroosh Amelian	Lab 2	(No comments)
CT 231 Relative Compaction - Nuclear Gage	2021-03-27	Expired	Jeff Rush	Lab 1	(No comments)
CT 306 Reducing Samples of Asphalt Mixtures (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1	(No comments)
CT 308 Bulk SpG and Density - HMA	2019-05-10	Expired	Jeff Rush	Lab 1, Lab 2	(No comments)
CT 309 Max SpG and Density - HMA	2019-05-10	Expired	Jeff Rush	Lab 1, Lab 2	(No comments)
CT 375 AC Density by Nuclear Gage	2021-03-27	Expired	Jeff Rush	(No lab)	(No comments)
CT 382 AC Content by Ignition Oven	2017-03-30	Expired	Jeff Rush	(No lab)	(No comments)
CT 504 Air Content of PCC - Pressure Method (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 518 Unit Weight - PCC (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)
CT 521 Compressive Strength - PCC	2020-03-27	Expired	Jeff Rush	(No lab)	(No comments)
CT 523.1 Section B.1 & B.2 Flexural Strength (Field Fabrication) (JTCP - PCC)	2020-03-27	Expired	Jeff Rush	Lab 1	(No comments)
CT 523.2 Section B.3 Flexural Strength (Lab Test)	2020-03-27	Expired	Jeff Rush	Lab 1	(No comments)
CT 524 Flexural Strength of Rapid Strength - PCC	2020-03-27	Expired	Jeff Rush	Lab 1	(No comments)
CT 539 Sampling Fresh Concrete (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	Lab 1	(No comments)
CT 540 Making Cylinders - PCC (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)
CT 543 Air Content of PCC - Volumetric Method (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)
CT 556 Slump - PCC (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)
CT 557 Temperature - PCC (JTCP - PCC)	2024-03-08	Active	Jasdeep Sandhu	(No lab)	(No comments)

## AASHTO/ASTM Proficiencies

Total 13 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	(No comments)
AASHTO T27 Sieve Analysis - Fine and Coarse Aggregates (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO R47 Reducing Samples of HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO R76 Reducing Samples of Agg (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T166 Bulk SpG of Compacted HMA - SSD (JTCP - HMA II)	2025-03-24	Active	Avinash Ralla	Lab 2	(No comments)
AASHTO T176 Sand Equivalent (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T209 Max SpG and Density - HMA (JTCP - HMA II)	2025-03-24	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
AASHTO T255 Evaporable Moisture Content (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T269 Percent Air Voids - HMA (JTCP - HMA II)	2025-03-24	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T275 Bulk SpG - HMA (JTCP - HMA II)	2025-03-24	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T308 AC Content (Ignition Oven) - HMA (JTCP - HMA II)	2025-03-24	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T329 Moisture Content (Oven Method) - HMA (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)
AASHTO T335 Percentage of Fracture (JTCP - HMA I)	2025-04-22	Active	Avinash Ralla	Lab 1, Lab 2	(No comments)