

## Certificates for Freddy Cruz

### Basic Information

|                   |        |
|-------------------|--------|
| <b>First Name</b> | Freddy |
| <b>Last Name</b>  | Cruz   |
| <b>Status</b>     | Active |

### Associated Labs

| Lab Name          | Lab Lab Manager Name | Full Address | Lab Lab District | Page Alias |
|-------------------|----------------------|--------------|------------------|------------|
| No results found. |                      |              |                  |            |

### Test Methods

#### California Test (CT) Certifications

Total **30** items.

| Test Method   | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|---|-----------------|---------|-----------------|---------------------|---------------|
| CT 105 Calculations - Gradings (JTCP - HMA I / S&A) | 2023-06-30      | Active  | Majid Fahrtoosh | (No lab)            | (No comments) |
| CT 125 ADMIX Sampling - ADMIXTURE                   | 2019-03-08      | Expired | Majid Fahrtoosh | (No lab)            | (No comments) |

| Test Method   | Expiration Date | Status  | IA Responsible | Within Lab(s) Scope | Comments      |
|---|-----------------|---------|----------------|---------------------|---------------|
| CT 125 AGG Sampling - AGGREGATES (JTCP - HMA I / S&A)           | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 125 BIT Sampling - BITUMINOUS                                | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 125 CEM Sampling - CEM                                       | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 125 GEN Sampling - GENERAL                                   | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 125 HMA Sampling - HMA (JTCP - HMA I)                        | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 201 Sample Preparation - Soil and Aggregates (JTCP - S&A)    | 2023-06-30      | Active  | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 202 Sieve analysis - Fine and Coarse Aggregates (JTCP - S&A) | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 206 SpG & Absorption - Coarse Aggregates                     | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |
| CT 207 SpG & Absorption - Fine Aggregates                       | 2019-03-08      | Expired | Majid Fehrtosh | (No lab)            | (No comments) |

| Test Method  | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|--|-----------------|---------|-----------------|---------------------|---------------|
| CT 216 Relative Compaction - Soils and Aggregates (JTCP - S&A) | 2018-04-20      | Expired | Roberto Jarquin | (No lab)            | (No comments) |
| CT 217 Sand Equivalent (JTCP - S&A)                            | 2019-03-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 226 Moisture Content - Soils and Aggregates (JTCP - S&A)    | 2019-03-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 227 Cleanness Value (JTCP - S&A)                            | 2019-03-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 231 Relative Compaction - Nuclear Gage                      | 2019-04-20      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 308 Bulk SpG and Density - HMA                              | 2017-04-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 309 Max SpG and Density - HMA                               | 2019-03-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 382 AC Content by Ignition Oven                             | 2019-03-08      | Expired | Majid Fehrtosh  | (No lab)            | (No comments) |
| CT 504 Air Content of PCC - Pressure Method (JTCP - PCC)       | 2020-01-22      | Expired | Brandt Houchen  | (No lab)            | (No comments) |
| CT 518 Unit Weight - PCC (JTCP - PCC)                          | 2020-01-22      | Expired | Brandt Houchen  | (No lab)            | (No comments) |

| Test Method   | Expiration Date | Status  | IA Responsible | Within Lab(s) Scope | Comments      |
|---|-----------------|---------|----------------|---------------------|---------------|
| CT 521 Compressive Strength - PCC   | 2022-01-23      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 523.1 Section B.1 & B.2 Flexural Strength (Field Fabrication) (JTCP - PCC) | 2022-01-23      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 523.2 Section B.3 Flexural Strength (Lab Test)                             | 2022-01-23      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 524 Flexural Strength of Rapid Strength - PCC                              | 2022-01-23      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 533 Ball Penetration - PCC   | 2022-01-23      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 539 Sampling Fresh Concrete (JTCP - PCC)                                   | 2020-01-22      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 540 Making Cylinders - PCC (JTCP - PCC)                                    | 2020-01-22      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 556 Slump - PCC (JTCP - PCC)   | 2020-01-22      | Expired | Brandt Houchen | (No lab)            | (No comments) |
| CT 557 Temperature - PCC (JTCP - PCC)   | 2020-01-22      | Expired | Brandt Houchen | (No lab)            | (No comments) |

## AASHTO/ASTM Proficiencies

Total 6 items.

| Test Method   | Expiration Date | Status  | IA Responsible | Within Lab(s) Scope | Comments      |
|---|-----------------|---------|----------------|---------------------|---------------|
| AASHTO T27 Sieve Analysis - Fine and Coarse Aggregates (JTCP - HMA I) | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |
| AASHTO T84 SpG & Absorption - Fine Aggregates                         | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |
| AASHTO T85 SpG & Absorption - Coarse Aggregates                       | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |
| AASHTO T176 Sand Equivalent (JTCP - HMA I)                            | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |
| AASHTO T308 AC Content (Ignition Oven) - HMA (JTCP - HMA II)          | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |
| AASHTO T329 Moisture Content (Oven Method) - HMA (JTCP - HMA I)       | 2018-02-02      | Expired | Majid Fahrtosh | (No lab)            | (No comments) |