

## Certificates for Steven Zundel

### Basic Information

|                   |        |
|-------------------|--------|
| <b>First Name</b> | Steven |
| <b>Last Name</b>  | Zundel |
| <b>Status</b>     | Active |

### Associated Labs

Total **1** item.

| Lab Name                              | Manager Name | Full Address                            | District | Page Alias |
|---------------------------------------|--------------|-----------------------------------------|----------|------------|
| Vulcan Materials Company - Pleasanton | David Ruedi  | 50 El Charro Road, Pleasanton, CA 94558 | 4        | Lab 1      |

### Test Methods

### California Test (CT) Certifications

Total **18** items.

| Test Method                                         | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|-----------------------------------------------------|-----------------|---------|-----------------|---------------------|---------------|
| CT 105 Calculations - Gradings (JTCP - HMA I / S&A) | 2019-05-04      | Expired | Robby Rodriguez | Lab 1               | (No comments) |

| Test Method                                                     | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|-----------------------------------------------------------------|-----------------|---------|-----------------|---------------------|---------------|
| CT 106 Definitions - Specific Gravity (SpG)                     | 2018-05-04      | Expired | Robby Rodriguez | Lab 1               | (No comments) |
| CT 125 AGG Sampling - AGGREGATES (JTCP - HMA I / S&A)           | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 125 HMA Sampling - HMA (JTCP - HMA I)                        | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 201 Sample Preparation - Soil and Aggregates (JTCP - S&A)    | 2019-05-04      | Expired | Robby Rodriguez | Lab 1               | (No comments) |
| CT 202 Sieve analysis - Fine and Coarse Aggregates (JTCP - S&A) | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 211 LA Rattler                                               | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 212 Unit Weight of Aggregates                                | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 217 Sand Equivalent (JTCP - S&A)                             | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |
| CT 226 Moisture Content - Soils and Aggregates (JTCP - S&A)     | 2017-05-04      | Expired | Ed Gamboa       | Lab 1               | (No comments) |

| Test Method                         | Expiration Date | Status  | IA Responsible | Within Lab(s) Scope | Comments      |
|-------------------------------------|-----------------|---------|----------------|---------------------|---------------|
| CT 227 Cleanness Value (JTCP - S&A) | 2017-05-04      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 229 Durability (JTCP - S&A)      | 2017-02-10      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 304 Sample Preparation - HMA     | 2018-10-14      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 308 Bulk SpG and Density - HMA   | 2017-05-04      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 309 Max SpG and Density - HMA    | 2017-05-04      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 366 Stabilometer                 | 2017-05-04      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 367 OBC                          | 2017-05-04      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| CT 382 AC Content by Ignition Oven  | 2018-10-14      | Expired | Ed Gamboa      | Lab 1               | (No comments) |

## AASHTO/ASTM Proficiencies

Total 6 items.

| Test Method | Expiration Date | Status | IA Responsible | Within Lab(s) Scope | Comments |
|-------------|-----------------|--------|----------------|---------------------|----------|
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| Test Method                                                           | Expiration Date | Status  | IA Responsible | Within Lab(s) Scope | Comments      |
|-----------------------------------------------------------------------|-----------------|---------|----------------|---------------------|---------------|
| AASHTO T11 Sieve Analysis (Washing) - Fine Aggregates (JTCP - HMA I)  | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| AASHTO T27 Sieve Analysis - Fine and Coarse Aggregates (JTCP - HMA I) | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| AASHTO T176 Sand Equivalent (JTCP - HMA I)                            | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| AASHTO T209 Max SpG and Density - HMA (JTCP - HMA II)                 | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| AASHTO T304 Uncompacted Void - Fine Aggregate                         | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |
| AASHTO T308 AC Content (Ignition Oven) - HMA (JTCP - HMA II)          | 2017-05-20      | Expired | Ed Gamboa      | Lab 1               | (No comments) |