

## Certificates for Alexander Richardson

### Basic Information

<b>First Name</b>	Alexander
<b>Last Name</b>	Richardson
<b>Status</b>	Active

### Associated Labs

Total 1 item.

Lab Name	Manager Name	Full Address	District	Page Alias
Vulcan	Rob Piceno	10051 Black Mountain Rd., San Diego, CA 92126	11	Lab 1

### Test Methods

#### California Test (CT) Certifications

Total 21 items.

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 105 Calculations - Gradings (JTCP - HMA I / S&A)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 106 Definitions - Specific Gravity (SpG)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 125 AGG Sampling - AGGREGATES (JTCP - HMA I / S&A)	2018-05-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 125 GEN Sampling - GENERAL	2018-05-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 125 HMA Sampling - HMA (JTCP - HMA I)	2018-05-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 201 Sample Preparation - Soil and Aggregates (JTCP - S&A)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 202 Sieve analysis - Fine and Coarse Aggregates (JTCP - S&A)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 205 Percent Crushed Particles (JTCP - S&A)	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 207 SpG & Absorption - Fine Aggregates	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 216 Relative Compaction - Soils and Aggregates (JTCP - S&A)	2016-08-01	Expired	Roy(Chip) Denner	(No lab)	(No comments)
CT 217 Sand Equivalent (JTCP - S&A)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 226 Moisture Content - Soils and Aggregates (JTCP - S&A)	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 227 Cleanness Value (JTCP - S&A)	2018-05-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 229 Durability (JTCP - S&A)	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 234 Uncompacted void - Fine Aggregates	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 235 Flat and Elongated Particles	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 304 Sample Preparation - HMA	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 308 Bulk SpG and Density - HMA	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 309 Max SpG and Density - HMA	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
CT 366 Stabilometer	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
CT 382 AC Content by Ignition Oven	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(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)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T27 Sieve Analysis - Fine and Coarse Aggregates (JTCP - HMA I)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T84 SpG & Absorption - Fine Aggregates	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T85 SpG & Absorption - Coarse Aggregates	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)

Test Method	Expiration Date	Status	IA Responsible	Within Lab(s) Scope	Comments
AASHTO T176 Sand Equivalent (JTCP - HMA I)	2018-05-31	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T209 Max SpG and Density - HMA (JTCP - HMA II)	2018-04-04	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T269 Percent Air Voids - HMA (JTCP - HMA II)	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T275 Bulk SpG - HMA (JTCP - HMA II)	2018-09-14	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T304 Uncompacted Void - Fine Aggregate	2019-08-24	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T308 AC Content (Ignition Oven) - HMA (JTCP - HMA II)	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T329 Moisture Content (Oven Method) - HMA (JTCP - HMA I)	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
AASHTO T335 Percentage of Fracture (JTCP - HMA I)	2018-06-01	Expired	Roy(Chip) Denner	Lab 1	(No comments)
ASTM D4791 Flat and Elongated Particles	2018-09-04	Expired	Roy(Chip) Denner	Lab 1	(No comments)

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