State of California Department of Transportation

CALTRANS QUALIFIED LABORATORY INSPECTION REPORT

Form TL-0113

Expiration date: **03/17/2015**
Inspection by: **George Thorpe**
IA No.: **079**
Phone: **707-445-6375**
File: Materials Category 500

Laboratory: **Garco Testing Lab**

Address: **4201 N. State Street**

City: **Ukiah** State: **Ca.** Zip: **95482**

Lab QC Mgr.: **Mike Lopez** e-mail: **Mike.Lopez@gcinc.com**

Telephone: **707-467-4163** Fax #: **707-485-0196**

A certified Independent Assurance (IA) visited this laboratory on (Date) **02/25/2014**
Only the equipment to be used on Caltrans construction projects and/ or local construction projects on the National Highway System was checked for qualification.

At the time of Caltrans Qualification, this laboratory had all necessary equipment of perform the test methods indicated below. Testing personnel shall be Caltrans Qualified and possess a current Caltrans Certificate of proficiency Form TL-0111 prior to performing any sampling or testing.

102	**106**	**125**	**201**	**202**	**205**
206	**207**	**211**	**212**	**217**	**226**
227	**229**	**304**	**308**	**309**	**366**
367	**368**	**370**	**371**	**375**	**382**

A visual check was performed and documents provided as necessary for the following items:

X Facility Safety Manual
X Laboratory Procedures Manual
X Laboratory Quality Control Manual
X Proper test equipment
X Copies of current applicable test procedures
X Calibration and service documentation
X Calibration stickers affixed to test equipment (dated within the 12 months)

On **03/17/2014** This laboratory was *Caltrans Qualified* by **George Thorpe**
(Printed name of IA person)

(Signature of IA person)

TL-0111 (REV.06/00)

CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this

CERTIFICATE OF PROFICIENCY

to

Mike Lopez

Garco

who is qualified to perform the following tests:

Expiration Date		Test Method
01/23/15	.....	☒ CTM 125 – ASPHALT CONCRETE
01/23/15	.....	☒ CTM 125 – AGGREGATES
	.....	☐ CTM 125 – PORTLAND CEMENT CONCRETE
01/23/15	.....	☒ CTM 125 – MISCELANEOUS

George Thorpe Certified Independent Assurance (IA) 079

Date Issued 03/25/2014 Note:

This certificate is valid as long as the Tester complies with applicable requirements in Caltrans' Independent Assurance Program Manual.

TL-0111 (REV.06/00)

CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this

CERTIFICATE OF PROFICIENCY

to

Mike Lopez

Garco

who is qualified to perform the following tests:

Expiration Date		Test Method
Never	.....	☒ CTM 105 – CALCULATIONS
	.....	☐ CTM 102 – STABILOMETER OPERATION
01/24/15	.....	☒ CTM 106 – DEF. TERMS SPECIFIC GRAVITY
01/24/15	.....	☒ CTM 201 – SAMPLE PREPARATION
01/24/15	.....	☒ CTM 202 – SIEVE ANALYSIS
01/24/15	.....	☒ CTM 205 – % CRUSHED PARTICLES
01/25/15	.....	☒ CTM 206 – S. G. ABSOPTION COARSE AGG.
01/25/15	.....	☒ CTM 207 – S. G. ABSORPTION FINE AGG.
	.....	☐ CTM 208 – APPARENT S. G. FINE AGG.
01/25/15	.....	☒ CTM 211 – L. A. RATTLER
01/25/15	.....	☒ CTM 212 – UNIT WEIGHT OF AGGREGATE
01/24/15	.....	☒ CTM 217 – SAND EQUIVALENT
01/24/15	.....	☒ CTM 226 – MOISTURE CONTENT
01/24/15	.....	☒ CTM 227 – CLEANNESS OF COARSE AG.
01/24/15	.....	☒ CTM 229 – DURABILITY
01/25/15	.....	☒ CTM 304 – PREP. BITUMINOUS MIXES
	.....	☐ CTM 305 – SWELL & PERM. BIT. MIXES
	.....	☐ CTM 307 – MOISTURE VAPOR SUSCEPTIBILITY
01/25/15	.....	☒ CTM 308 – BULK SPECIFIC GRAVITY
01/25/15	.....	☒ CTM 309 – THEORETICAL S.G. & DENSITY OF BITUMINOUS PAVING MIXTUERS
01/25/15	.....	☒ CTM 366 – STABILOMETER VALUE
	.....	☐ CTM 367 – RECOMEND OPTIMUM BIT. CONTENT
01/24/15	.....	☒ CTM 368 – OPTIMUM BITUMINUM CONTENT
01/25/15	.....	☒ CTM 370 – MOISTURE CONTENT (MICROWAVE)
	.....	☐ CTM 371 – TENSILE STRENGTH RATIO
01/25/15	.....	☒ CTM 375 – AC COMPACTION (NUCLEAR)
	.....	☐ CTM 379 – PECENT ASPHALT (NUCLEAR)
01/24/15	.....	☒ CTM 382 – PECENT ASPHALT (IGNITION OVEN)

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TL-0111 (REV.06/00)

CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this

CERTIFICATE OF PROFICIENCY

to

Caleb Vogel

GRANITE CONSTRUCTION CO.

who is qualified to perform the following tests:

Expiration Date		Test Method
01/23/15	.....	☒ CTM 125 – ASPHALT CONCRETE
01/23/15	.....	☒ CTM 125 – AGGREGATES
	.....	☐ CTM 125 – PORTLAND CEMENT CONCRETE
01/23/15	.....	☒ CTM 125 – MISCELANEOUS

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TL-0111 (REV.06/00)

CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this

CERTIFICATE OF PROFICIENCY

to

Caleb Vogel

Garco

who is qualified to perform the following tests:

Expiration Date		Test Method
Never	.....	☒ CTM 105 – CALCULATIONS
01/24/15	.....	☒ CTM 102 – STABILOMETER OPERATION
01/24/15	.....	☒ CTM 106 – DEF. TERMS SPECIFIC GRAVITY
01/24/15	.....	☒ CTM 201 – SAMPLE PREPARATION
01/24/15	.....	☒ CTM 202 – SIEVE ANALYSIS
01/24/15	.....	☒ CTM 205 – % CRUSHED PARTICLES
01/25/15	.....	☒ CTM 206 – S. G. ABSOPTION COARSE AGG.
01/25/15	.....	☒ CTM 207 – S. G. ABSORPTION FINE AGG.
	.....	☐ CTM 208 – APPARENT S. G. FINE AGG.
01/25/15	.....	☒ CTM 211 – L. A. RATTLER
01/25/15	.....	☒ CTM 212 – UNIT WEIGHT OF AGGREGATE
01/24/15	.....	☒ CTM 217 – SAND EQUIVALENT
01/24/15	.....	☒ CTM 226 – MOISTURE CONTENT
01/24/15	.....	☒ CTM 227 – CLEANNESS OF COARSE AG.
01/24/15	.....	☒ CTM 229 – DURABILITY
01/25/15	.....	☒ CTM 304 – PREP. BITUMINOUS MIXES
	.....	☐ CTM 305 – SWELL & PERM. BIT. MIXES
	.....	☐ CTM 307 – MOISTURE VAPOR SUSCEPTIBILITY
01/25/15	.....	☒ CTM 308 – BULK SPECIFIC GRAVITY
01/25/15	.....	☒ CTM 309 – THEORETICAL S.G. & DENSITY OF BITUMINOUS PAVING MIXTUERS
01/25/15	.....	☒ CTM 366 – STABILOMETER VALUE
	.....	☐ CTM 367 – RECOMEND OPTIMUM BIT. CONTENT
01/24/15	.....	☒ CTM 368 – OPTIMUM BITUMINUM CONTENT
01/25/15	.....	☒ CTM 370 – MOISTURE CONTENT (MICROWAVE)
01/25/15	.....	☒ CTM 371 – TENSILE STRENGTH RATIO
01/25/15	.....	☒ CTM 375 – AC COMPACTION (NUCLEAR)
	.....	☐ CTM 379 – PECENT ASPHALT (NUCLEAR)
01/24/15	.....	☒ CTM 382 – PECENT ASPHALT (IGNITION OVEN)

George Thorpe Certified Independent Assurance (IA) 079

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