

Education

MS, Engineering Management with a specialization in project management
National University, 2007

BS, Chemistry California State University,
Fresno, 2001

Certifications

Caltrans laboratory and field test methods
for Aggregate/ Soils/ Asphalt/ PCC

NICET level II in Aggregate, Soils and
Asphalt

Asphalt Institute – PG Binder and Asphalt
Concrete Properties

ACI Lab and Field Certification – Grade 1

NRMCA Certified Plant Inspector

NRMCA Certified Pervious Concrete
Technician

Troxler Nuclear Gage Certification

CMCA Certified Masonry Technician

Brian Hall

Laboratory Manager

Mr. Hall is the manager of the materials and geotechnical laboratories. He has over 11 years of materials and geotechnical testing and inspection experience. He has worked on a variety of projects including: highways, bridges, multiple level buildings, parking structures, wastewater treatment facilities, commercial developments, national parks projects, federal highways and both federal and military airports. He is responsible for the daily activities of the laboratories including implementation of internal quality system, prioritization of projects, data analysis, training and evaluation of laboratory technicians, report preparation and review, and maintenance of all laboratory certifications and accreditations.

Mr. Hall oversees four staff technicians as well as all materials and geotechnical laboratory projects.

Experience

Hwy 33 – New Cuyama

Project involved complete reconstruct of ten miles of two lane highway utilizing cold-foam in-place recycling and Type G ARHM friction coarse. Duties included: Overall quality control of project for Granite Construction, INC, compaction testing, laboratory certification and testing on-site, materials acceptance testing, sampling and testing plan development.

Hwy 99 – Merced

Provided asphaltic concrete plant inspection and process control testing. Provided asphaltic concrete field compaction inspection and testing. Provided PCC batch plant inspection and testing for on-site facility and aggregate import facility. Performed quality control sampling testing at Le Grand production facility

Visalia Municipal Airport (FAA)

Quality control manager for Granite Construction (sub to Rising Sun) for all phases of new taxiway construction. Performed on-site lab and field testing on subgrade, recycled sub-base, 1.5" crushed aggregate base, and hot-mixed asphalt friction coarse, assisted foreman with techniques for better performance, responsible for all billing and reporting for project

Hwy 395 – Bishop

Quality control supervisor for asphalt resurfacing of 25 miles of Hwy 395 using thin lift bonded friction course. Duties included: Setting up lab to test high volumes of hot-mixed asphalt, troubleshooting problems with asphalt production facility and equipment, tested over 250 samples for asphalt content and over 150 samples for gradation in order to troubleshoot imprecision in results, performed 3rd party analysis of agency laboratory.



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Accomplishments

- Published graduate level thesis on renewable energy and infrastructure improvement in San Diego area
- Quality control manager for Visalia Municipal Airport improvement project through completion – 12 months (2005)
- Trained over 25 technicians in construction inspection and testing
- Part of ICBO training group for central California partnering with Clovis ITT
- Graduated with 3.6 GPA from Master's program in 18 months
- Consistently assisted foremen, superintendents, and project managers for Granite Construction to increase a project's quality while reducing its timelines and costs

Hwy 180 – Kings Canyon (FHWA)

Provided asphaltic concrete grade inspection and quality control testing. Provided asphaltic concrete field compaction inspection, sampling, and testing.

Valley Grain – Madera, CA

Managed forensic investigation of structurally suspect concrete silos. Performed scanning and coring operations at top and bottom of 70' silo walls. Documented findings with pictures and written analyses. Tested for depth of coverage for reinforcing bars, compressive strength of concrete and petrographic examination of spalled concrete.

Edwards Air Force Base – Rosamond, CA

Provided asphaltic concrete grade inspection and quality control testing. Provided asphaltic concrete field compaction inspection, sampling, and testing. Provided troubleshooting and technical support to asphalt production facility in order to help produce qualified materials.

Employment Summary

TECHNICON Engineering Services

May 2008 – Present

Laboratory Manager – Duties include: maintain and improve status of laboratory accreditations, daily supervision of lab staff, handle all lab-only billing and subcontracting, assist with bid proposals, provide verbal and written technical support to clients and internal customers, training of technicians for laboratory and field certification, project manager of all materials design projects, quality assurance of all concrete test reports, troubleshooting for all questionable results obtained and for equipment malfunctions

Pozzolon Products dba Garco Testing Laboratories

July 2004 – May 2008

Regional Laboratory Supervisor – Duties include: performing laboratory tests on soil, aggregate, asphaltic concrete, and Portland cement concrete according to ASTM, ACI, AASHTO and Caltrans procedures; Oversee production of laboratory, train lab technicians, prepare work orders, technical resource for Granite Western Region, perform calibrations, review processes and procedures, evaluate technicians, maintain certifications, and write test reports

August 2002 – July 2004

Quality Control Technician – Duties include: performing laboratory tests on soil, aggregate, aggregate base, and asphaltic concrete according to appropriate ASTM, ACI, AASHTO, Caltrans, and UBC specifications. Perform daily Rock Plant and Hot Plant Inspection; field inspection and testing for QC/QA projects



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Krazan & Associates

February 2001– July 2002

Laboratory Supervisor –Supervise and train laboratory technicians, maintain organizational accreditations, technical resource for satellite offices, reporting test to clients, physical and chemical testing of concrete, masonry, aggregates and hot-mix asphalt

August 2000– January 2001

Project Manager – Oversee specific construction projects to guarantee quality control of on-site operations and to assure that all specifications are being followed and met, review field reports, solicit testing procedures, assist in the preparation of large bids, customer quotes for small jobs, review timesheets, budgets, and test results, communicate with customers

March 1998 – August 2000

Laboratory Technician – Fundamental and advanced materials testing of soils, aggregate, concrete, and hot-mix asphalt. Training of multiple individuals for above referenced testing.



