Thai Huynh

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# EDUCATION

* Fullerton College 2003-2007
*Associate in Arts in Chemisty*
* California State University, Fullerton 2007-2010
*Bachelor of Science, Chemistry and Minor in Mathematic*

**Skills**

• Strong organizational skills.

• Ability to keep detailed and accurate laboratory records.

• Familiar with general laboratory apparatus.

• Ability to multi-task and work efficiently to meet aggressive deadlines.

• Communication skills and ability to participate in effective teamwork.

• Computer skills: Microsoft Office, Platinum, Microsoft excel, Isis Draw Program, Mathematical Software.

* Equipment used**:** All glass ware, GC/MS , pH meter, NMR, Atomic absobtion, UV spectrometer, Kund’s tube, HPLC, Distillation set up, Nd YAG laser, TLC, titration. Brookfield DV-II+Pro Viscometer

# EXPERIENCE

* **QUIKRETE - Custom Building Products (Santa Fe Springs, CA** Sept 2015 – May 2020
* *R&D Chemist, Polymer Technology Group and Care & Maintenance Sealer Group.*
* Establish business relationships with chemical industry leaders based on product needs
* Formulate 100% solid epoxy grout for commercial and industrial grade
* Formulate 100% solid epoxy for moisture vapor and alkalinity barrier
* Formulate latex based 1K moisture vapor barrier
* Formulate latex based primer and sealer for self-leveling underlayment
* Formulate thin veneer adhesion mortar for veneer stone setting
* Formulate water-based and solvent based sealer for stone, tile and grout
* Research new technology for epoxy systems and latex based systems for coating and grout
* Evaluate raw materials for use in current and future formulations
* Conduct formulation research for potential cost reduction and improvements performance
* Conduct and design experiments based on formulation research
* Conduct experimental runs of new raw material at company plants nationwide
* Oversee manufacturing trial runs of qualified experimental lab batches
* Support company plants nationwide in quality and manufacturing processes
* Supervise and train Senior R&D Technicians for Polymer Tech Group
* Train and qualify plant QC personnel on new testing methods for product line
* **QUIKRETE - Custom Building Products (Santa Fe Springs, CA)** Jan 2011 - Sept 2015
* *Senior R&D Technician, Polymer Technology Group*
* Perform tests to determine material properties, including failure analysis
* Performance testing is in accordance with ANSI and ISO
* Test benchmarking of experimental and finished products versus competitors
* Perform routine audit checks on finished product goods
* Create technical reports to support logical paths for decision making
* Create and update SOPs for current/future products