



March 6, 2010

Re: Texas State Concrete Industry Management (CIM) Summer Internships for students

Dear TACA Member:

The Concrete Industry Management Program at Texas States now has over 40 students, several of which are approaching graduation in 2012. As part of their academic requirement, they must complete an internship with an industry employer in the year prior to their graduation. Currently there are 13 students in need of this internship. Attached to this letter is a suggested outline the students depending on the industry segment (aggregate, concrete, cement, etc.) where the student works as an intern.

If you are interested in having a student intern with you during the Summer of 2011, please do not hesitate to contact me at TACA. WE have a list of students, their resumes, and where they will be located during the summer of 2011.

It is our industry's commitment to this program that has made it the 3rd largest in the country, with the potential to grow far beyond its current size.

Thank you for your consideration to help these potential leaders for our industry. IF you cannot help with an internship but would like to become more involved with the CIM program in either a support or lecturing capacity, please do not hesitate to contact me.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Richard S. Szecsy, PhD, PE
President
Texas Aggregates and Concrete Association
rich.szecsy@tx-taca.org

Bob Kidnew
President
Texas Lehigh Cement
rkidnew@texaslehigh.com



Guidelines for Summer Job/Internships for Texas State CIM Students In Cement Production and Sales

The Texas State Concrete Industry Management (CIM) program has numerous students that are available for summer jobs, and in need of required academic internships within the industry. As a proud supporter of the CIM program, TACA and in working with its member companies has developed the following suggested guidelines for focused learning during their time with the supporting company. These are only suggestions, but are linked to their academic disciplines, and each company is free to develop a course of action of their own choosing.

Year 1. Week 1 Safety, Orientation, Training

- MSHA new miner training
- Company Orientation and learning Plant Layout

Year 1 Week 2 to 5 Utility (Labor Department)

- Basic housekeeping, utility jobs
- Learning Industrial Culture.

Year 1 Week 6 to 9 Shipping/Logistics Department

- Learn Housekeeping issues
- Learn and work on loading trucks, loading rail cars, receiving in-bound freight

Year 1 Week 10 to 12 Quality Control

- Learn basic on cement chemistry and safely sample materials (importance of good sampling)
- Learn basic testing materials (Blaine, 325, X-Ray chemistry, free-lime, loss on ignition)

Year 2 Week 1 Utility

- MSHA Refresher training
- Plant Housekeeping

Year 2 Week 2 Safety Department

- Learn Safety Program
- Develop JSA's and present JSA at Safety Meeting
- Complete a plant safety inspection

Year 2 Week 3 Environmental

- Learn basics on permit emissions/reporting
- Research company history on internet
- Complete a plant environmental audit

Year 2 Week 4 to 12 Quality Control

- Refresher training on sampling and testing – mix chemist
- Training on analyst testing, project testing and reporting



Texas Aggregates and Concrete Association

900 Congress Ave, Suite 200

Austin, Texas 78701

www.tx-taca.org

512-451-5100

512-451-4162 fax

Guidelines for Summer Job/Internships for Texas State CIM Students in Concrete Production

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Year 1. Week 1 to 4 Quality Control

- Learn standard fresh concrete property test methods, their use, significance.
- Understand the relationships between the Producer, Testing labs, Contractors, and Inspectors
- Understand how mix adjustments are made, when and why they are made.

Year 1 Week 5 to 8 Production

- Learn how a batch panel operates
- Learn sequencing of trucks and jobs
- Understand material management at a ready-mix plant.

Year 1 Week 9 to 12 Dispatch

- Understand order taking
- Learn dispatching of trucks

Year 2 Week 1 to 4 Quality Control

- Understand how to read job specifications
- Learn how to put together a submittal package

Year 2 Week 5 to 8 Sales

- Learn where and how job leads are developed
- Understand pricing, raw costs, and margins
- See and take part in active sales calls
- Participate in preconstruction and prepour meetings

Year 2 Week 9 to 12 Production

- Learn how a batch panel operates
- Learn sequencing of trucks and jobs
- Understand material management at a ready-mix plant.



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Guidelines for Summer Job/Internships for Texas State CIM Students In Aggregate Production (Quarry or Sand & Gravel)

The Texas State Concrete Industry Management (CIM) program has numerous students that are available for summer jobs, and in need of required academic internships within the industry. As a proud supporter of the CIM program, TACA and in working with its member companies has developed the following suggested guidelines for focused learning during their time with the supporting company. These are only suggestions, but are linked to their academic disciplines, and each company is free to develop a course of action of their own choosing.

Year 1. Week 1 to 4 Quality Control

- Learn standard aggregate property test methods, their use, significance.
- Understand the relationships between the Producer, Testing labs, Contractors, and Inspectors
- Understand how field adjustments are made, when and why they are made.

Year 1 Week 5 to 8 Mine safety and Production

- Understand MSHA and its relationship to production facility
- Learn layout and sequence of aggregate production facility
- Understand how product diversity is a function of layout and mine deposit
- Understand material management and transportation from production facility

Year 1 Week 9 to 12 Transportation

- Understand order taking
- Learn how transportation operations work internal and external to the facility

Year 2 Week 1 to 4 Quality Control

- Understand how to read job specifications
- Learn how to diagnose simple QC problems and develop a solution plan

Year 2 Week 5 to 8 Sales

- Learn where and how job leads are developed
- Understand pricing, raw costs, and margins
- See and take part in active sales calls
- Participate in preconstruction meetings

Year 2 Week 9 to 12 Production

- Refresher course on production operations
- Understand environmental controls and relationship to TCEQ air and water permit