



AICHE Orange County

NEWSLETTER OF THE ORANGE COUNTY SECTION, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

No. 147

<http://www.aiche-orangecounty.org>

July 2006

LA-OC Joint Meeting JULY DINNER MEETING

Steam Systems

**Bill Farms
Spirax Sarco, Inc.**

Tuesday, July 25, 2006
5:30 PM

Meeting Schedule:

5:30 p.m.	Social Hour
6:30 p.m.	Dinner
7:20 p.m.	Break
7:30 p.m.	After-Dinner Program

Place: Khoury's Restaurant.

110 North Marina Dr., Long Beach

Directions: From the north, take the 605 south and take the Seventh Street/Long Beach exit. Go 1.4 miles and take the Studebaker Road exit. Continue south on Studebaker Road for 1.4 miles. Turn right on East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first

signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

From Torrance/South Bay, take the 405 south and exit on Studebaker Road. Continue south on Studebaker for 2.1 miles. Turn right on East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

From Orange County, take the 405 north and exit on Westminster Ave. West. Go 1.9 miles until Westminster Ave. becomes Westminster Blvd. Go an additional 3.9 miles until Westminster becomes East Second Street. Continue on another 0.6 miles, then Turn left on Marina Drive at the first signal after PCH. Proceed 1 mile and enter the parking lot for Khoury's.

Reservations: Please make a reservation at (714) 686-2791 by voice by Friday, July 21, 2006. Or, you may email your reservation to

dalebotts@adelphia.net

Cost: Members, \$20 with a reservation, \$25 at the door; Non-Members, \$25 with reservation, \$30 at the door; Students **Free** with reservation, \$5 at the door, Unemployed/Retired, \$5 with reservation, and \$10 at the door.

Starting with the month of January 2006, every third meeting a member attends is FREE with reservation



Legal Corner

KEEPUS” Committee Status (Newsletter FY06-10)

Bob Katin

Fellow ChE's:

We lost **the** big battle and the end of the war is close.

PECG leadership convinced Senator Figueroa to gut SB 246. It now discusses mother's milk and has nothing to do with recognizing ChE's.

The State Legislature is on recess until 7 AUG 2006 and we will be making one last try when they get back.

The State Engineers' Act is broken. The lack of action taken by industry that retains lobbyists indicates that industry is ignorant of the fact that the law requires all work at petroleum refineries, chemical plants, bio facilities, water plants, wastewater plants, other process industry, and environmental work to be conducted by civil engineers. Civil engineering consulting firms that supervise ChE's in those applications are technically violating the law, if they are in responsible charge (but are not competent in that technical area of engineering). For these reasons, we have to continue to educate senior management the importance of spending a half a day of lobbyist time to reform the law. If this does not happen, then industry will be breaking the State law. We ChE's will not legally be allowed to do our job! We need to make it clear to senior management how important this issue is. We should not allow senior management to ignore and break the law. At a minimum, if they knew how cheap the fix could be (1/2 day of lobbyist time to correct the State Engineers' Act) versus the cost to follow the law (find a civil engineer that can do chemical engineering) then senior management might not ignore this issue.

Do everything that you can between now and 7 AUG 2006 to show your management how important this issue is.

Thanks,
Bob Katin, PE
Chair, “Keep Engineers Employed to Provide Uninterrupted Safety” Committee

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STUDENT CORNER

Please contact the newsletter editor if you would like to publish any AIChE student chapter meeting summary or contribute any articles related to science/engineering.

Newsletter Contributors Wanted

The newsletter editor would like to hear from you if you have one or more brief articles to contribute, especially a review or brief discussion of a good website, technical book, etc.

Professional Engineering Employment Update

Process Engineer Gardena, Calif. plant

Job Elements

- Conduct process optimization studies on plant mixing and filling operations
- Identify packing material cost savings
- Identify product raw material cost savings
- Implement process control procedures as needed for mixing and filling operations
- Identify work process improvements yielding productivity and



- waste savings
- Lead selected improvement initiatives across the site. Provide project management as needed
- Function as site ISO Quality Systems Manager
- Train plant personnel in Quality/Statistical Process Control/Lean Manufacturing methodologies
- Lead new process/equipment start-ups/qualifications

Background Experiences/Skills

- Working knowledge of Statistical Process Control/Six Sigma methodologies
- Prior experience with ISO 9001:2000 standards
- Lean Manufacturing
- Five- ten years plant experience
- Project Management experience. Familiarity with Microsoft Project software desirable
- Bilingual, English- Spanish desired
- Experience working in team based environments
- B.S. Chemical Engineering degree

Submitted by Mike Davis/Purcell International Group/310-477-4433 mdavis@purcellintl.com

Refinery Division Manager

Compensation

Base Salary ranging up to \$130k/annual plus a discretionary cash bonus. Company medical/dental/vision - options include Blue Cross PPO and HMO plans. 401k plan, no company match. Company profit sharing contribution from 3% to 8% of annual salary depending on each year's performance.

Credentials

Bachelor's degree in engineering, prefer Mechanical or Chemical. PE preferred.

Ideal Candidate

Possesses integrity, does quality work and always has a positive attitude. Desires to play a key role in managing division and overall company growth. Has a leadership quality or the desire to develop into a manager. Minimum of 15 years industry experience, prefer a combination of industry and engineering firm consulting experience at larger companies (gives us the ability to bid and execute larger projects). Minimum of 10 years in petrochemical industry. Minimum of 5 years working in petrochemical refineries. A Marketing Manager, Operations Manager, Senior Project Manager, Department Head, Partner at a small Engineering Firm looking for advancement, has drive, technical, and entrepreneurial. Experience supervising, reviewing staff work and developing their skills. Strong business development experience landing engineering contracts ranging from \$50,000 to \$2 million plus (total project value up to \$25 million).

Major Job Responsibilities

Reports to the President and supervises all division staff. Authorizes assignment of staff to projects, hires/terminates staff, approves projects (with final approval of President), and creates annual division operating budget approved by President. Develops strategic plans and manages the division projects. Performs business development and grows division.

Please contact Mark (see contact info below) directly by the phone or email. The company is moving quickly to identify finalists by July 31st, 2006.

MARK A. HAYAKAWA, CPA
Search 4 Integrity LLC
640 Juniper Way
La Habra, CA 90631
Office (562) 690-0553
Cellular (562) 714-4166
mark@search4integrity.com
www.search4integrity.com

- ① If you have an employment opportunity in Southern California for a chemical engineer, the newsletter will advertise it for free.

2006 Orange County AIChE Officers

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CALIFORNIA STATE UNIVERSITY, FULLERTON

Chemical Engineering Refresher Course

Bob Katin, PE is offering a refresher of chemical engineering principles that will help you solve problems in your plant, and if you want, prepare you for the EIT or PE Exam. He provides real life industrial examples from which to perform calculations.

Bob is a Fellow of the Institute (AIChE) with over 30 years of industrial experience and owner of a small engineering firm that specializes in training. As a former Chemical Plant Manager, Petroleum Refinery Operations Supervisor, Chief Engineer of DuPont Environmental, and Project Manager (largest was a \$40 million expansion) he concentrates on practical engineering, not college theory. So far, he has a 75% batting average from graduates that have taken the licensing exam. Just think how well you will do after this refresher!

The class will be held on six Saturdays from 9 AM to 4 PM, from 16 SEP-21 OCT 06 in Walnut Creek. For more information, please contact Bob at (925) 755-1150 or rkatin@pacbell.net.



American Institute of Chemical Engineers
ORANGE COUNTY SECTION
P.O. Box 19362
Irvine, CA 92623

DATED MATERIAL

ADDRESS SERVICE REQUESTED