

CALIFORNIA COUNCIL OF TESTING AND INSPECTION AGENCIES
Minutes of the General Meeting–May 30, 2003
Sheraton Hotel & Marina, San Diego, CA

1. Introductions – Attendees

Al McManus called the meeting to order at 2:33 PM. Attendees were:

Al McManus – Earth Systems Consultants
Gordon Woodard – So. Cal Soil & Testing, Inc.
Greg Smith – Testing Engineers San Diego, Inc.
David Chippero – Signet Testing Labs
Wade Timmermann – Twining Laboratories San Diego
Tom Ritchie – Twining Laboratories San Diego
Jim Backman – Consolidated Engineering

2. Review of Minutes of the April, 2003 Meeting

Minutes were approved with the following exceptions.

A) 2002 Unpaid Invoices Law Cradall spelled with an (a) not (e).

3. Treasurer's Report (David Chippero)

- Account Balance as of 5/30/03: \$12,778.60.
- Deposits of \$2,400.00 were made for 2003 Annual Dues.
- Withdrawals of \$411.32 were made for the April 2003 meeting expense.

GUEST SPEAKER

Peter Don with Physical Acoustics Corporation gave a presentation on the benefits of Acoustic Emission. Acoustic Emission is a passive NDT system (i.e. listening device) very similar to seismic studies (i.e. S-wave, P-wave, L-wave) that is able to continuously record events when they occur. The difference between NDT and Acoustic Emission is:

NDT - Detection methods are sensitive to crack orientation.

AE – With acoustic emission it does not matter where cracks are.

AE can detect stress from corrosion, cracks, leaks, and delamination. AE uses a digital signal-processing chip. This chip will filter out superfluous noise, extract the desired features, graph the features, and set off an alarm if a defect is detected.

AE has been used for testing on aircrafts, shipping vessels, bridges, pipelines, and refinery storage tanks. Peter hopes that testing and inspection labs will also be willing to try AE over the traditional NDT testing that labs commonly perform today and it will one day be accepted as part of the code.

OLD BUSINESS

Committee Reports

1. **ICBO Committee – SIC**
No action from this committee.
2. **Membership**
No action from this committee.
3. **ASTM E-36**
No action from this committee.
4. **Pins and Honors**
No action from this committee.
5. **Newsletter**
No action from this committee.
6. **DSA Report**
Earl Simon with Testing Engineers San Diego had a concern regarding CP189. CP189 is a standard found in some school/DSA projects that will require NDT inspectors to retest every 3 years by a company level 3 inspector. It also requires the corporate level 3 inspector to be a level three by successfully passing an exam and not be appointed by the company. Jim, Kurt, and Craig discussed this issue with Eric and Jeff at the quarterly DSA meeting and they assured them that DSA would work with the labs regarding this recommendation.
7. **Scholarship Program**
No action from this committee.
8. **New Member Facility Audit Checklist (E329)**
No action from this committee.
9. **Internal Auditing Checklists**
No action from this committee.
10. **Structural Engineers QC Meeting**
No action from this committee.
11. **Program Director**
No action from this committee.

Other Old Business

Blue Book Copyright

Jim Backman researched the issue and found out that we could copy right the Blue Book for about \$2,000.00. ICBO has sold the rights to 1701 so we would have to rewrite those parts into our own words or delete them entirely.

NEW BUSINESS

FEMA 353

A discussion arose regarding the benefits of FEMA 353. The group agreed that FEMA 353 was good for industry as a whole and helped find problem areas that might not otherwise have been tested. However labs need to look out for this guideline when bidding projects so they can bid accordingly. The group also thought this might be a good topic for a guest speaker.

ADJOURNMENT

The meeting was adjourned at 5:25 PM.

Next Meeting:	June 26 th
Time:	General Meeting 2:00 PM
Where:	Holiday Inn Oakland Airport Oakland, CA