The combined Southern California Plumbing and Mechanical Chapters of IAPMO met on Tuesday, January 17, 2012 with 16 members and guests present. Shane Peters, Chapter Chairman called the meeting to order and Bob Bailey of UPPA-Long Beach led the salute to the flag. This was followed by the self-introduction of members and guest.

Ed Saltzberg, Chapter Secretary, read the minutes of the November 15, 2011 meeting. The minutes were approved as read.

Jerry Plank, Chapter Treasurer reported that we have $1390.48 prior to today's meeting. Jerry also announced that in addition to the $10.00 door prize he said that the chapter brought a $25.00 gift card from Trader Joes Markets for the raffle.

New and Old Business

1. Both Shane Peters and Bob Bailey spoke about Bob Payne and his recent passing. We honored Bob with a moment of silence.
2. Wesley Cruz of Vernon asked if you have to provide OSA for workers in a 40°F fish processing room. It was the consensus that you do.

Technical Program

Our speaker for the day was Mr. Tav Commins from the California Energy Commission speaking on the new requirements for the title 24, residential and non-residential regulations.

Tav spoke about the required forms for acceptance tests for commercial buildings and when they are required. There are a minimum of 3 tests required any time a HVAC system is installed for new construction and change out. The
three basic tests include verifying the correct amount of outside air is brought in (MECH-2A); that the controls are working properly and the thermostat scheduling is done (MECH-3A); and that the economizer is working properly (MECH-5A). Someone suggested that the compliance software automatically print out all required acceptance forms and they be kept with the plans for when the installing contractor does the tests. Also someone said that there should be 3rd party testing instead of contractors doing their own testing. Tav said that they reviewed this item but currently there aren’t enough TAB contractors.

Tav stated that any project in excess of $500.00 including equipment requires a licensed contractor with workman’s comp. coverage. Tav said that the 2013 title 24 becomes effective January 1, 2014 and it includes more mandatory requirements. Tav said that the web http://www.energy.ca.gov/title24/2008standards/residential_manual.html has all the information about the code, its requirements and what’s to be included.

Tav reported on the Videos for plan checkers which shows the step by step procedures for checking jobs and is located on the left side of the Energy Commissions web site under energy videos. Tav then went thru the non-residential HVAC requirements, acceptance forms and things to look for by the contractor, plan checkers and inspectors. Tav said that a commissioning agent can sign the forms but the installing contractor is the one ultimately responsible.

The Cal Green code was mentioned and it was also stated that all municipalities are required to enforce its provisions. It was also said that each municipality was required to have an ADA compliance agent. Tav said that the Energy Commission will help train and audit city building department personnel.

Tav spoke about the residential HVAC requirements. He said that energy code was started about 1978 and that California has the lowest energy use per person in the nation. Tav talked about the HVAC and indoor air quality requirement forms for both alterations and new construction. He somewhat clarified the 1 out of 7 requirement for testing each contractors work and how the installer is required to test all his jobs and fill out a CF-6R. Those CF-6R’s are then given to the HERS rater who randomly tests one out of the 7 jobs. If that job passes then the other 6 pass and the HERS rater fills out CF-4R’s for all 7 jobs. The main thing to remember is if HERS is required to not pass the job unless a CF-4R is on site. It was requested that there be a counter checklist. Lastly Tav talked about indoor air quality and exhaust fan discharge to outside. After answering questions from the attendees, that concluded our technical presentation.

The $10.00 door prize was won by Wesley Cruz of Vernon.
Dan Frelaux of LA County won the $25.00 gift Certificate from Trader Joes donated by the chapter. Pete Kalambakas of Source HVAC and Bob Bailey of UPPA Long Beach, each won copies of a code. With that we concluded our meeting

Respectively submitted

Edward Saltzberg,
Chapter Secretary