International Association of Plumbing and Mechanical Officials
Minutes
IAPMO – Inland Empire Chapter – Corona, CA

July 24, 2010

Chairman: Ed Cooke (Present)
Vise Chairman: Anthony Flores (Present)
Secretary: Chris Smith (Present)
Treasure: Dave Kokosenski (Present)

1. Meeting was brought to order at 8:20 AM by Ed Cooke
   a. Pledge of Allegiance was lead by All
   b. Representatives from the following B&S Jurisdictions were in attendance:
      • Hemet
      • Los Angeles

2. Total Attendees: 22

3. Secretary’s Report:
   a. Minutes were read by Chris Smith and approved.

4. Treasures Report:
   a. Dave Kokosenski reported a balance of $108.21

5. Correspondence:
   a. The 2010 IAPMO catalog along with IAPMO training catalog is now available.

6. Announcements:
   a. UPPA will be dark in August. They will have their annual UPPA Golf Tournament on August 21, 2010 at 9:00 AM at the El Prado Golf Course. 64 golf spots are available.
   b. The next Orange-Empire chapter meeting will be on August 12, 2010 in Santa Ana, CA at the Home Town Buffet. Lunch will begin at 11:30 AM.
   c. The ICC Citrus Belt Golf Tournament will be held at the Calimesa Golf Course in Calimesa, CA. The shot gun start will begin at 3:00 PM and dinner will be served afterwards.
   d. Jaime Valdivia stated that the NITC has to create a Jobsite Analysis and asked for our assistance in creating a survey. All who can assist please contact Jaime

7. Old Business:
   a. None

8. New Business:
   a. Jim Lake from NFPA gave the presentation to fire officials from San Bernardino County, Loma Linda, Riverside County and Apple Valley regarding antifreeze for fire sprinkler systems. Due the Truckee fire sprinkler incident, in which a death occurred, the NFPA is asking that all existing and new fire sprinkler systems be drained of the antifreeze and filled with water. Better to have flood because of freezing than an explosion. The findings can be found on the NFPA website. We thank Brian Burke of Spears Manufacturing for the update.
9. Program Speaker:
   b. Jim talked about how solar heating systems have changed since the 70’s and 80’s. 22% of the energy is spent in the residential markets. Space heating has decreased over the years but others have increased.
   c. Jim discussed the differences between photovoltaic and solar heating water panels and system. He also showed the principles of solar thermal collection and the different types of collection systems.
   d. Batch Water Heater, Thermo Siphon, Drain Back, Closed Loop and Open Looped Systems. He also discussed the different fluids that are to be used with these systems. Propylene Glycol is the preferred fluid…never us Ethylene Glycol.
   e. He showed us the types of collectors and advantages and disadvantages of each. The placement and orientation of the collectors is very important to get the best performance from the system. Some structural strengthening may be needed for the equipment placement.
   f. Don’t touch the collector as some of them can reach temperatures of 350 degrees. Jim told us about the different sizes of storage tank and how they are to work with back up systems during cool weather. Storage tanks need to be seismically restrained.
   g. Systems are designed by occupancies, i.e. 3 to 4 persons or 5 to 6 person.
   h. Please visit www.veluxusa.com for more information.
   i. Thank you Jim O’Shea for a very informative presentation.

10. Raffle prize contribution:

11. Next months meeting will be held on August 28, 2010. Meeting adjourned at 9:45 AM. See you next month.