



**International Association of Plumbing & Mechanical Officials**  
**5001 E. Philadelphia Street, Ontario, CA 91761-2816**  
**(909) 472-4100**  
**Long Beach Chapter**  
**UPPA**  
**Regular Monthly Meeting**  
**July 9th, 2011**

Chairman Phil Phillers called the meeting to order at 8:30 am.

The pledge of allegiance was led by Jimmy Empero ; Self introductions were done by 22 in attendance.

Secretary's report for June 11th, 2011 was read by Laura Biggie. Minutes were approved by the membership.

Jim Anderlik read the treasurer's report with a balance of \$ **596.77**.

Members approved the report.

**Old Business:** Chapter membership drive is ongoing.

**Code Question:** Is anyone doing prefab of medical gas systems offsite? OSHPD IOR fights it due to code section to provide piping cleaned and capped from the manufacturer for installation. If brazed in the shop – the IOR needs to be in the shop. Also, does anyone have a cut sheet for these height requirements ADA dual height drinking fountain? The high needs to be set at “normal” height.

**New Business:** The membership voted to increase the cost of breakfast from \$12 to \$15. The Blue Collar Women's picnic is on Saturday August 13<sup>th</sup> from 10AM to 4PM.

**Correspondence:** None

**Announcements:** None

**Golf Report:** 8 members have signed up – promote the golf tournament by sending email invites. They need to let them know a week ahead of time because we are committed to 32 players.

**Featured Speaker:** Ed Saltzberg, who has been in the plumbing industry for 60 years, discussed hot water in circulating systems. The time it should take to get hot water from the tap according to the ASPE water design manual is 0-10 seconds. 11-30 is considered

marginal and anything over 30 seconds is unacceptable. Ed showed examples of hot water distribution systems and how they worked or didn't work to distribute the hot water. When the thermostat on the water heater is set too low – more hot water is wasted. A third less is used when the tank is set at a higher temperature. He explained significant cost savings on your gas bill and water bill by putting in a well designed circulating system. Also discussed was thermal escalation and scalding due to low flow shower heads on two handled showers.

Legionella disease breeds from 70 degrees to 122 degrees. So when you keep your water heater at 120 degrees you are more susceptible to legionnaires disease. You can drink the bacteria – inhaling the droplets is what makes you sick. Low flow shower heads that vaporize the water makes it even easier to catch. Most legionella goes undetected – pneumonia is the usual cause of death unless the hospital checks the patient specifically for legionella. Keeping water heater at 140 degrees reduces these possibilities.

Meeting adjourned at 10 am.

Respectfully submitted by Laura Biggie.