The combined Southern California Plumbing and Mechanical Chapters of IAPMO met on Tuesday, July 17, 2012 with 28 members and guests present. Pete Sandoval, Chapter Chairman called the meeting to order and Ed Waas of Spears Mfgrs. led the salute to the flag. This was followed by the self-introduction of members and guest.

Ed Saltzberg, Chapter Secretary, read the abbreviated and regular minutes of the June 19, 2012 meeting. The regular minutes were approved as read.

Jerry Plank, Chapter Treasurer reported that we have $1272.65 prior to today's meeting.
New and Old Business

1. Trini Mendoza of Ventura Co. said that the Channel Island chapter will be meeting and they have a new location. The speaker will talk about Raypak Broilers.

2. Bob Bailey reported that UPPA-LB will have a golf tournament this month instead of their regular meeting and everyone is invited to play golf.

3. Chris Smith of Lubrizol spoke about the Inland Empire chapter’s forthcoming meeting.

Our Technical speaker from the day was Mr. Ted Hebert, Regional Sales Manager of Williams Furnace Co. Ted passed out information about his presentation. He spoke about the “Sizing Wall furnace card” which was distributed. Ted was asked what the card was based on as to wall and ceiling insulation criteria. He said that he would check on that and get back to us.

Ted then presented a Power Point show. It included “Venting done Right” by G.A.M.A., and a video of Venting per National Fuel gas code. Ted spoke about condensation in flues and resultant problems. Ted spoke
about the 4 classifications of gas appliances and then he talked about the category 1 requirements. This included gravity vented appliances and their vent sizing and slope criteria and manufactures instructions.

Ted described William’s product’s serial numbers and the definitions of a BTU. He also had a comparison table of Williams and other manufacturer’s products. Ted talked about required protection around furnaces and the combustion triangle, which is $0^\circ$, fuel & heat. Ted covered the differences between complete and incomplete combustion.

Ted spoke about the differences between Propane and natural gas. He emphasized that Propane is heavier than air and natural gas is lighter. Ted then covered the types of appliances that Williams manufactures. He covered the top vented appliance requirements. He covered venting on sloped roofs, the 10’ wide / 2’ higher requirements, vent material types and trouble shooting.

Ted then spoke about direct vent appliances and the need to check wall thickness for required vent extensions. Ted went over all the heaters components and controls and the problems with each. He stated that all Williams appliances are 100% factory tested. Ted covered installation
requirements, wiring and product identification labels. Ted then showed installations both good and bad.

During the questions period there was a question regarding William’s installation instruction and Ted will check on that. That concluded our technical program.

The $10.00 door prize was won by Tony De Santos of L.A. City. Prizes donated to the chapter were 2 bottles of wine by Chris Smith of Lubrizol; Wine, a clock and golf balls by Ed Waas of Spears Mfg.; Wine by Mario Orlando of Thermafit Industries and gifts by the chapter. Winners were Trini Mendoza of Ventura Co., 3 members of Long Beach Gas, Laura Biggie of LA City, Christ Smith of Lubrizal and David Arellanes and Gene Logan of Baldwin Park.

With that we concluded our meet.

Respectively submitted

Edward Saltzberg

Chapter Secretary.