

# NEW JERSEY--SKYLAND DIVISION 1-40-1

## Hunterdon, Morris, Somerset, Sussex, and Warren Counties

### International Association of Electrical Inspectors



**12 January 2012**

**Board of Directors:**

**President  
Robert Rutan**

**1<sup>st</sup> V/President  
Robert Moentenich**

**Secretary  
Greg Chontow  
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**Treasurer  
Andre Cartal**

**The Officers:  
James Alsop  
Pete Buchanan  
Jeff Hockenbury  
Casey Hoff  
David Menendez  
Joseph Rossi  
Donald Storms  
Michael Wright**

President Bob Rutan opened the meeting at 6:10pm with the flag salute and a moment of silence for our men and women over seas. Treasurer Andy Cartal reported that we have a comfortable balance in the checking account and all bills are paid up to date. There was a motion to accept the treasurers report, and was seconded. Next, Secretary Greg Chontow mentioned that the minutes were emailed to all those on the email list. A motion was made to accept the minutes which was seconded and accepted. Andy then asked those present if there was anyone in need of continuing education for the renewal of their license. With quite a few hands raised, it was determined that a class will be put together prior to the license expiration date. It was noted that although a 10 hour code update can be taken twice, the 1 hour law can only be credited once, totaling 19 hours. South Jersey Secretary Larry Logan stated that they had an approved motion that they would assist in the reformation and revitalization of the North Jersey Chapter. Andy made a similar motion for the Skyland Division, pointing out that as a division, the Skyland division is solely dependant on the successful existence of the Chapter. The motion was passed. Larry then went on to state that the Skyland Division was a strong organization and requested two members to volunteer for the Code Correlating Committee. He went on to explain that the committee was charged with the responsibility of including or excluding sections of code to be adopted in New Jersey. President Rutan made a motion to have the authority to appoint two members of the Skyland Division to Code Correlating Committee. Vice President Bob Moentenich Mentioned that there is work going on in municipal owned buildings that is going on without permits such as alterations to the lighting systems including the installation of motion detectors. Depending on the scope of work, permits are required for this work. He then went on to mention that the Rehabilitation Code pertaining to the 2008 NEC has been adopted and is in effect. He gave some examples of the Rehab code such as a service change from 100 amps to 100 amps, working space clearances are exempted, however, going from 100 amps to 200 amps, those clearances are in effect. All new circuits run to a panel are required to be arc fault protected, however, existing circuits are not. As no new circuits are being added to a service change or upgrade, no arc fault breakers are required. Tom Rorro than gave a presentation on the issues of grounding gas piping systems including CSST. He

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pointed out that unless the meter is installed with dielectric isolators, bonding the gas pipe will make it part of a grounding electrode system, violating both the International Gas Code and the National Electric Code. Tom mentioned that there is nothing presently in the gas code requiring the use of dielectric insulators. It was also mentioned that the bonding inspection is to be conducted by the electrical inspector and if there is no ordinance for a bonding inspection, the permit is free. Bob Rutan said that since there were a large amount of generators being installed in the past few months, there have been a lot of questions that have come up. In an effort to clear up some of these, we discussed some of the more common problems: now that we are in the 2008 NEC, 702.5 require load calculations for generators utilizing automatic transfer switches. The generator must be able to carry the full transfer load. 702.11 require a readily accessible disconnect. It can not be behind a locked enclosure. The President then introduced our guest speaker, Tom Degnan of Leviton who gave us an overview of their line of electric vehicle chargers. Tom said the industry is still emerging and although the product is on display in big box stores, it is not a big seller and is mainly there for the “feel good effect”. He proceeded to explain the different levels of chargers, from Level 1 chargers at 7 amps – 120 volts to Level 2 chargers at 32 amps – 240 volts, with Level 3 quick chargers in the future. With that President Bob Rutan closed the meeting with 46 in attendance

Respectfully Submitted  
Greg Chontow