

NEW JERSEY SKYLANDS CHAPTER

International Association of Electrical Inspectors

Hunterdon, Morris, Somerset, Sussex, and Warren Counties



10 September 2015

Officers:

President

Robert Rutan

1st V/President

Robert Moentenich

Secretary

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Treasurer

Donald Storms

Board of Directors:

James Alsop

Frank Baguiao

Stan Fagerty

Chris Frankowski

Roy Konwiser

Thomas La Monaco

William O'Connor

Chris Walthour

President Bob Rutan opened the meeting at 6:08 pm with the flag salute and a moment of silence for our men and women overseas and those who died during the attack on 9/11. President Rutan then requested a report from Treasurer Don Storms. Don stated that we have a balanced account and working capitol. Bob then asked Secretary Greg Chontow for the Secretary's report. Greg mentioned that the minutes of the July meeting were posted on the Chapter's web site, and asked if there were any changes necessary. As there were no changes, he asked for a motion from the floor to accept the minutes which was made and seconded. Due to scheduling concerns, President Rutan introduced our guest speaker for the evening instead of continuing with the meeting, promising a return after the speaker. Lyn Brigham of AFC Cable introduced their line of MC and AC cables, including the new line of MC Luminary cable, a cable assembly of 12/2 and 16/2, used for low voltage diming control of LED fixtures. MC cable is designed under UL Standard 1569. The different configurations are all subsets of this standard. One of the requirements of this standard is the common polypropylene (Mylar) wrap. One new product is the MC-Quik which has the Mylar imbedded in the insulation, eliminating the need to peel and cut the Mylar jacket off. Another product is the "Neutral Per Phase" MC cable. This product has one neutral for each phase eliminating the need for a common disconnecting means as required by 210.4(B). Lyn noted that when using this or any other cable assembly with greater than three current carrying conductors, derating of conductors is required as per table 310.15(B)(3)(a). Also presented was Jacketed MC cable. Approved for use in wet locations (with approved wet locations connectors), direct burial and concrete encasement as well as for use in swimming pool motor applications. Lyn took questions from the floor and was given a hardy round of applause when she was done. President Rutan then continued with the meeting by returning to a response to questions from the floor to our guest speaker from the previous meeting, which Roy Konwiser read to the membership. Bob then opened up the floor to questions from the membership. A question was asked as to the requirement for specific color codes for conductors. The response was that the code does not specify specific colors with the exception of the neutral (grounded) and grounds (grounding). It was noted however, that if there are multiple systems within a building, a chosen color coded

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system must be employed and noted on the service distribution system, and panelboards. Another question was to whether it was acceptable to replace the interior of a panel using an existing enclosure. If the interior is listed and approved for the enclosure, it is an acceptable installation. Check with the manufacture to verify the listing. A question was brought up about the use of romex that became wet. Guidance from NEMA and UL about the use of water damaged wiring was discussed. Plastic jacketed non-metallic cable that has not been submerged may be reused and it was noted that the listing standard for Non-Metallic cable is "Normally Dry Locations". With no more questions, the President closed the meeting with 36 members present.

Respectfully Submitted

Greg Chontow, Secretary