

ELECTRICAL INSPECTOR'S MEETING NOTICE

WHEN: WEDNESDAY, DECEMBER 18, 2013

WHERE: THE GOLDEN CORRAL

11090 E MISSISSIPPI AVENUE

AURORA, COLORADO 80012

TIME: 11:45 A.M.

Please remember, the NECA and IEC offices will only host the **Electrical Inspector's** and **one NECA Contractor Member**, and **one IEC Contractor Member** from each firm, all others must pay \$10. Please make your checks payable to NECA and mail to the Chapter Office, 495 UNITA WAY, Suite 240, Denver, CO 80230.

MEETING AGENDA

Call to order

Introductions

Chairman's Comments

Review and Approval of Previous Meeting Minutes

State Electrical Board Update

IAEI Update

Utility Report

UL Report

NEMA Report

I.B.E.W LU. 68

D.J.A.T.C

IEC Report

Jurisdiction Reports

Field Problems

NECA Report

Adjournment

Please bring a copy of this agenda and the minutes with you to the meeting.

ELECTRICAL INSPECTORS MEETING MINUTES OF NOVEMBER 20, 2013

THE GOLDEN CORRAL

I CALL TO ORDER: 12:00 PM

II INTRODUCTIONS: (see attached schedule). Chairman's comments, announcements: Please, when asking a question or commenting, **speak loud enough** for the recorder to pick up your voice, and introduce yourself. Thank you

III MINUTES FROM PREVIOUS MEETING:

M/S, accepted and approved

IV STATE

Hand out's from Steve Conrad, UL and NEMA reference pamphlet for flood damaged equipment. There have been 170 inspections done. The state has 200 requests for the no cost damage assessment permits. The State reports many types of damages found in the jurisdiction of Laramie county.

E-blast will be sent to all licensees, informing them of the need to register required PDU's on individual learning plan. State electrical licenses are good till September 30, 2014. Assessments will begin July 1, 2014.

Registration of apprentices to contractor's will only be accepted online. Review statutes on state website

Electrical Board meeting will be on November 25, 2013. Steve Conrad is asking of the solar companies in attendance, for information pertaining to the requirement of 690.11, Arc Fault Protection of DC. Sizing, compatibility, availability, suppliers and any other information to present to the Board, at the next State Electrical Board meeting.

V I.A.E.I.:

Board meeting last month. Planning has started for training classes in 2014. The 3rd week of March 2014 has been set for the Rocky Mountain Chapter meeting and seminar presenting the 2014 NEC analysis. Date information to passed on at next meeting.

Visit the IAEI website : rocky-iaei.org for information on meetings, locations, costs and schedules for 2014 classes.

VI XCEL:

We are still receiving requests for temp meters for permanent services to homes. As mentioned a temp service is mounted on a home. Xcel standards state , temp services and permanent residential services have different requirements, rules and processes that need to be followed.

www.xcelenergy.com

VII N.R.T.L.:

U/L:

No report at this time. The U/L hotline phone number is: 1-800-595-9844 with # 3 for the region. I-phone contact # is: www.ul.connect.com.

Code authority home page: <http://www.ul.com/global/eng/pages/offering/perspectives/regulator/>

U/L Newsletter:

<http://www.ul.com/global/eng/pages/offering/perspectives/regulator/ultimateemail/>

INTERTEK:

Thank you for looking out in the field for non listed equipment. We are providing ARC flash, analysis, labeling. Please contact us at:

Telephone: 720-271-0829. Fax: 503-626-7328. E-mail:
jack.lawall@intertek.com

VIII N.E.M.A.:

No representation.

www.nema.org:

IX I.B.E.W.: Local 68:

Work is picking up. We are putting travelers to work. Question to the State: How temporary work permits are issued? This permit is good until the electrician can take their state test. No updates at this time. Review statutes on state website

X D.J.E. A.T.C. :

No representation

Call 303-293-1903 or go to DJEATC68.com.

XI I.E.C.:

No representation

For information go to website iecrm.org

XII Jurisdiction reports:

No report

XIII FIELD PROBLEMS:

Consensus: Are single conductors combined in the field as a multi cable assembly with approved insulation allowed to feed a multi branch circuit?

*No

Consensus: Equipotential Bonding per 2011 NEC, 680.26, how does this relate to section 680.42? Also are TIA letters enforceable under current code cycle?

Verbage used in TIA letters are valid and enforceable under that current NEC cycle.

There are 2 jurisdictions present that are enforcing section 690.11. The State Chief Electrical Inspector has been directed by the State Electrical Board and state program director to not enforce section 690.11. Each jurisdiction may enforce if directed, in their jurisdiction.

Consensus: What are requirements of set backs for Photo Voltaic, PV, array installations?

* These are determined by Fire Codes and are not an electrical requirement. City of Thorton uses plan review notes to determine requirement for installation.

What is the consensus of the group on enforcement of AFCI receptacles and their installation?

*Section 210.12.A, 210.12.B, 210.12.1,2, provides requirements and enforcement criteria.

What is the consensus of the group on interpretation of section 680.74?

*Section references grounding of metal parts, grounding not required for double insulated pump motor. Also if no metal parts are present due to use of PEX, where grounding lug is present there is no need to ground motor.

Consensus: What are the requirement of a home owners installing PV systems.

*State statute does not require licensure or limit installation of renewable energy systems to licensed persons. The only requirement is application of a permit, permit and inspections

X111 N.E.C.A

Inspectors tab, for inspectors and/or contractors:

Questions can be submitted for meeting discussion. Please e-mail request for previous meeting minutes. Calendar for future meetings and events will be posted

Website info, rncneca.org.

XIV NEXT MEETING:

Wednesday, December 18, 2013

The Golden Corral

XV ADJOURNED:

Motion to adjourned and approved at 12:50 pm

Minutes submitted by Tito Aleman Jr.