

ELECTRICAL INSPECTOR'S MEETING NOTICE

WHEN: WEDNESDAY, FEBRUARY 19, 2014

WHERE: THE GOLDEN CORRAL

11090 E MISSISSIPPI AVENUE

AURORA, COLORADO 80012

TIME: 12:00 P.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

Good of the Order

Adjournment

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

ELECTRICAL INSPECTORS MEETING MINUTES OF JANUARY 16, 2014

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 as amended, and approved

*Date of NOVEMBER 20, 2013, shall be amended to DECEMBER 18,2013

*IV. STATE: 230 No cost assessment permits issued, 230 inspections completed.

*VI. XCEL: Xcel contemplating removing Eaton Lever Bypass meter socket from approved list. Report of failures of cam becoming loose and breaking. More information to follow next meeting.

IV STATE:

There will be a stake holders meeting on January 24, 2014 to propose rules changes, amendments, adoption of the 2014 NEC discussion to the State Electrical Board. Reciprocity, endorsements and similar items also to be discussed. This is in preparation of the State Electrical Board meeting on January 27, 2014. One agenda item to be addressed, NEC 690.11 requirement and the enforcement of this section by state electrical inspectors.

E-blast sent to all licensees, informing them of the need to register required PDU's on individual learning plan. Check spam if you have not received email. Review your account. Make sure your learning plan is created. Enter classes, PDU's required. State electrical licenses are good till September 30, 2014. Assessments will begin July 1, 2014. Pearson Vue is administering assessment. PSI is administering exam for licensure.

State is looking for subject matter experts, SME, to write items for assessment.

V I.A.E.I.:

There is a board meeting January 17, 2014 @ 7:30 AM, at the Egg& I in Parker. Board meeting last month discussed planning for training classes in 2014. The IAEI Rocky Mountain Chapter is preparing for the March seminar, March 20-21, 2014. The seminar subject is the 2014 NEC code with analysis presentation. Location, speakers, program information moving right along and will be passed on at next meeting.

There will be 2 IAEI Rocky mountain Chapter Board Inspector Member positions to be filled this year. Bob Wolney is retiring from the Rocky Mountain Chapter board.

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

VI XCEL:

Issues continue to be reported on the Eaton meter by pass lever enclosure. The cam is becoming loose and breaking. This is only in the meter socket enclosure. Information will be forth coming if product is to be removed from list.

Slip sleeve installation requirements will be effective March 31, 2014, for customer provided, customer installed. Visit website for requirements.

www.xcelenergy.com

VII N.R.T.L.:

U/L:

The Eaton meter socket issue can be addressed by going to the UL website and filling out a formal complaint of the product. With all information on product, model numbers, types etc. This complaint is directed to UL's Market Surveillance Group.

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:

No report at this time.

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, calls are being filled regularly. All members are being sent out with approved licenses.

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

Need for apprentice's is high. Interested in applying to program please. Applications are being accepted from 8:00 AM to 5:00 PM. 5610 Logan St.

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

XI I.E.C.:

Need for apprentice's is high. Interested in applying to program please go to website. Also in need of qualified instructors, please visit website for requirements.

Future training dates.

January 25, 2014	Theory and Calculation
January 28, 2014	Fire Alarm Certification
February 5 2014	Motor Controls

Website iecrm.org

XII Jurisdiction reports:

No report

XIII FIELD PROBLEMS:

Home owner permits that have been closed out with electrical corrections not completed and inspected. After 3 years, what code cycle are these permits inspected to, does the work continue under old or new permit? Are the permits expired and need to be reapplied for?

- Jefferson County: If permit lapses you will need to go thru entire process and may be required to pull drywall if needed to re-inspect.
- State: Permits are completed, canceled, or expired. Extensions are granted if applied for and project is not completed. When rough inspections have been signed inspection complete, but the permit has expired, a trim permit may be issued to complete project. Finish inspections will be under issued permit code cycle. When no rough inspections have been completed, project will need to start at square one of process for permit issuance.
- Permits are under the CBO administration and compliance guidelines are in adopted codes of that jurisdiction. Most jurisdictions have adopted the ICC current code cycle

Service upgrade: Reuse of EMT for grounding electrode system of home service. Are choke fitting required for reuse of existing conduit if EMT is used for grounding electrode system? Is this a requirement if PVC is used for the conduit.

*Consensus yes. If PVC is used for conduit to protect grounding electrode conductors there is no requirement for choke fittings. If EMT is used, existing or new, the choke fittings are required.

*Sub panel is also required to be brought up to current code requirements.

You have an existing service that has had the meter pulled by Xcel. What procedure is in place in a jurisdiction to get Xcel to reinstall meter for service?

*Permit has to be issued , inspection completed and released to Xcel.

Panel that is upgraded without load side conductors of meter housing being replaced, is it required to install a meter by pass enclosure?

*Only if the load side conductors of the meter enclosure have been replaced.

There is a Solar installation. Supplemental ground rod has been reinstated. Can the State adopt new code without certain section that may arise?

*Participation at the stake holders meeting January 24, 2014, is how and where this could be addressed. The Colorado State Electrical Board in the past has not amending any of the NEC code being adopted.

X111 N.E.C.A

Frontier Controls conducted a presentation on Fire Rated cable, reference NEC 2014 Sec. 728. <http://www.frontiercontrols.com>

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. GOOD of the ORDER

Inspectors are encouraged to expose contractors to the NECA, rmcneca.org and IAEI Rocky Mountain Charter, rocky-iaei.org for membership and other information.

Steve Conrad, Chief Electrical Inspector for the State will be retiring from the State in April 2014. Thank you from all inspectors for your hard work.

XV. NEXT MEETING:

Wednesday, February 19, 2014

The Golden Corral

XVI. ADJOURNED:

Motion to adjourned and approved at 1:00 pm

Minutes submitted by Tito Aleman Jr.