

ELECTRICAL INSPECTOR'S MEETING NOTICE

WHEN: WEDNESDAY, DECEMBER 19, 2012

**WHERE: THE GOLDEN CORRAL
11090 E MISSISSIPPI AVE.
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 Uinta Way Suite #240, Denver CO 80230

MEETING AGENDA

Call to order
Introductions
Announcements
Review and Approval of Previous Meeting Minutes
IAEI Update
State Electrical Board Update
Utility Report
IEC Report
NECA Report
NEMA Report
NRTL Report
Jurisdiction Reports
Chairman's Comments
Field Problems
Adjournment

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

**ELECTRICAL INSPECTORS MEETING MINUTES OF NOVEMBER 14, 2012
THE GOLDEN CORRAL**

I CALL TO ORDER: 12:05 PM

II INTRODUCTIONS: (see attached schedule)

III MINUTES FROM PREVIOUS MEETING:

M/S Approved as submitted.

IV I.A.E.I.:

Visit our web site at <http://rocky.iaei.org/home.htm>

The March 14-15, 2013 Annual Meeting will have classes that will satisfy 16 PDU's for license renewals for those who need them. There will also be the usual classes in the following months in CO. Springs, Durango, Grand Junction, and Walsenburg on theory & calculations.

The 2013 Western Section Meeting will be held in Colorado Springs on September 16-18, 2013.

V XCEL:

www.xcelenergy.com;

Updates on installations at:

<http://www.xcelenergy.com/staticfiles/xcel/Marketing/Xcel-Energy-Standard-For-Installation-and-Use.pdf>

The new Blue Book revisions will be starting soon and should be completed by the end of March 2013. They will be available on-line only.

Justin spoke of a safety issue concerning some 3-phase 480 volt meters. The meter face goes blank but is still energized. Do not touch the meter or shake it. Some have blown-up. Call Xcel immediately and they will check it out, in the proper protective clothing.

There is still an ongoing issue with some electricians installing an 8' mast above a roof. The service drop belongs to Xcel and is installed to their safety code not the NEC. Inspectors should make the contractor aware that Xcel will not make the overhead connections or set the meter.

VI STATE:

The on-line apprentice registration web-site is still out of service and won't accept changes and/or upgrades. Steve will contact Holly when it goes back on-line. Holly will send out email notifications.

Interviews for the inspector position in the Sterling area are in progress. The inspector must live in the area.

If you wish to have the State issue a citation for violations in your area, you need to go on-line and fill out a complaint form. Make sure that you provide all of the information and details needed for their follow up.

New Apprentice registration is required within 30 days and can be performed on-line at

<http://www.dora.state.co.us/electrical/apprentice.htm>

Access to your personal user account: www.dora.state.co.us/electrical/cc.

VII N.R.T.L.:

U/L:

Peggy wanted to reiterate that service equipment such as panels and/or other gear, that needs to be

modified, cannot be done in the field. It must be done at the manufacturer facility. If it is done in the field, then it must be field inspected and re-certified by U/L.

The general customer service number is 877-854-3577.

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/>

ETL SEMKO:

Jack also reiterated that his organization does field certifications on modified equipment.

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

Otto Trachsel provided handout information of job openings for part-time follow-up Service inspectors for Intertek. The handout listed the job description and qualifications required.

VIII I.E.C.:

Paul Lingo (Assistant Training Director) provided a handout containing information about their programs and an Open House at IECRM on November 27, 2012 from 7:30-9am and 4-6pm at 480 East 76th Ave., Bldg. 5 Denver, CO. Food and drinks provided.

IX DENVER:

There was no representation at this meeting.

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

There was nothing new to report.

XI FIELD PROBLEMS:

Discussion of type of battery cables required by the NEC: Flexible cables must be listed and labeled per article 400.

690.74(A): Flexible fine stranded cables shall be terminated only with terminals, lugs, devices, or connectors in accordance with 110.14(A).

Discussion of enforcement of 690.11: Neither the State inspectors nor most jurisdictions will enforce this requirement until there are more than one manufacturer with the product available.

Jason Sharpe provided copies of illustrated drawings from Mike Holt showing point of connection supply side of service NEC 230.82(6). "The output of a utility interactive inverter can be connected to the supply side of the service disconnect as permitted by 705.12(A). This was provided because there was disagreement at the October meeting, between the city of Westminster inspectors and the other jurisdictions, on the terminology and interpretation for this PV system qualifying as a service. A PV service with line side taps require a minimum 60 amp disconnect and minimum #6 copper conductors.

XII N.E.C.A.:

There is nothing new to report.

XIV NEXT MEETING:

Wednesday, December 19, 2012
The Golden Corral

XV ADJOURNED:

Meeting adjourned at 12:35 pm.
Minutes submitted by Giles Schurman