

ELECTRICAL INSPECTOR'S MEETING NOTICE

WHEN: WEDNESDAY, APRIL 17, 2013

**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 FEBRUARY 20, 2013
THE GOLDEN CORRAL

I CALL TO ORDER: 12:00 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>

Upcoming Classes:

The March 14-15, 2013 Annual Meeting, will include Soars' Grounding & Bonding and Wiring Methods classes. The 2013 Western Section Meeting will be held in Colorado Springs on September 16-18, 2013.

The Chapter is still looking for someone to fill the position of Secretary/Treasurer.

V XCEL:

www.xcelenergy.com;

Updates on installations at:

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

Xcel will soon put their requirements for re-installing meters, on services that have been removed for over 365 days, on their web site. The review is still in progress and should be finished by the end of March, 2013.

VI STATE:

The inspector position in Montrose has been filled.

Steve thanked the inspectors who served on the exam review committee for their work on the second round of reviewing PSI pool questions and for generating many new questions for electrical exams.

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.

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:

There was no representation at this meeting.

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 thanked all present for their diligence in making sure that listed equipment, that has been modified, gets a required field review inspection by the NRTL.

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

VIII I.E.C.:

www.iecrm.org

Paul again reviewed the many classes offered by IEC, which can be viewed on their website. The annual wire-off contest is coming up soon. Steve and Robert will assist in the judging.

IX DENVER:

There was no representation at this meeting.

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

There was nothing new to report at this meeting.

XI FIELD PROBLEMS:

Discussion on hydro-tub bonding requirements: The requirements of 680.74 were discussed. A #8 solid bonding conductor must be run to the tub motor location. A double insulated motor need not be bonded but if the motor is replaced with one that is not double insulated the bonding conductor must be available to bond it. Metal water piping must be bonded if used for the tub. If plastic water pipe is used and the motor is double insulated, the available bonding conductor is terminated to the grounding conductor of the tub circuit.

Discussion of replacement A/C condensers and the requirement for a service GFCI receptacle: Older A/C condenser locations where service receptacles were not required by previous codes do not required a new GFCI service receptacle installation if the A/C condenser is replaced with a unit that has the same or smaller electrical load. Any new installations require a GFCI service receptacle.

XII N.E.C.A.:

There was nothing new to report.

XIII OTHER BUSINESS:

SMA America, LLC representatives gave a report on their listed PV Arc-Fault Circuit Interrupter. Theirs is the only listed inverter available that meets the 690.11 NEC 2011 requirements. Their factory is in the Denver Metro area and they have hundreds of product on the shelves ready to ship. The representatives answered all questions and concerns. There was discussion concerning the non-enforcement of 690.11 using NEC 90.4, which should no longer apply, because the inverter is available from SMA. Steve and Mark stated that this will be discussed at the next State Electrical supervisors meeting and the decision of when or if the provision will be enforced will be announced soon. Any new permits issued after a decision to enforce date will be required to meet 690.11 rules.

XIV NEXT MEETING:

Wednesday April 17, 2013
The Golden Corral

XV ADJOURNED:

Meeting adjourned at 1:00 pm.

The minutes were taken and submitted by Giles Schurman

NOTE: Tito will be taking over the secretary position at the April 17, 2013 meeting.