

ELECTRICAL INSPECTOR'S MEETING NOTICE

WHEN: WEDNESDAY, JULY 18, 2012

**WHERE: THE TAVERN LOWRY
7401 EAST 1ST AVENUE
DENVER, COLORADO 80230
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, 363 South Harlan Street, Suite 205, Lakewood, CO 80226-3552.

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
UL 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 JUNE 20, 2012
THE TAVERN LOWRY

I CALL TO ORDER: 12:00 PM

II INTRODUCTIONS: (see attached schedule)

III MINUTES FROM PREVIOUS MEETING:

M/S Approved as summited.

IV I.A.E.I.:

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

Future classes will be on "SOARES Grounding & Bonding" at the following locations:

Sterling, July 13th, 2012 - NE Division Seminar held at the
Hays Student Center, Room 230, Northeast Junior College, 100 College Ave.

Burlington, July 27th, 2012 – Seminar held at the
Burlington Community Center Conference Room, 340 South 14th St.

Grand Junction, August 17, 2012 – Seminar held at the
Clarion Inn, 755 Horizon Dr. (Formerly Holiday Inn)

V XCEL:

www.xcelenergy.com;

Updates on installations at:

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

Dave briefly spoke about some new solar rewards programs. There will be more options in the next couple of months.

VI STATE:

Chief Inspector Steve Conrad announced inspector openings in the Sterling & Montrose areas, which may or may not be filled due to budget constraints.

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 stated that U/L would be willing to provide training & education classes on their White Book usage or any other inspector requested educational needs. 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: No representation at this meeting.

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

VIII I.E.C.:

Tim Felker, the new assistant training director, introduced himself and gave a description of his duties and goals.

IX DENVER:

Tony hired one more inspector. There are averaging 170 inspections daily.

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

Representatives thanked all inspectors present for checking electrical licenses at the job sites.

XI FIELD PROBLEMS:

Discussion of installing new AL/CU devices on existing aluminum wiring or new CU rated devices after pig-tailing or crimping CU wires to existing aluminum wiring using approved means:

Consensus: These circuits are not being modified and do not require AFCI protection, but any extension of the wiring to add a new device, outlet or to relocate a device does modify the circuit and would require AFCI protection for the entire circuit or at the first outlet of the existing circuit (210.12(B)).

Further discussion for any replacement receptacles: NEC 406.4 (D)(5) require its replacement to be tamper resistant where it is required elsewhere in the NEC.

Discussion of communication equipment wiring such as cell sites, outdoor or indoor, in building spaces used exclusively for such installations: Permits and inspections are required for the services only. The communication equipment, wiring, and control panels are "not covered" in 90.2(B) of the NEC and licensing of these communication personnel is exempted by CRS 12-23-111 Exceptions.

Discussion of installation of LED Puck lights in clothes closets: These fixtures have low heat characteristics but must be listed for installation in clothes closets.

Discussion of proof of apprentice registration at the job site: Contractors registering their apprentices can get a receipt, which the apprentice can carry on his/her person until their apprentice card is issued. No apprentice is allowed to work on electrical installations without supervision (not even when the JW runs to the supplier for parts which only takes 5-minutes according to the apprentice). The State ratio is 3-1, Denver ratio is 1-1.

Discussion of meter releases for PV Systems: Inspectors typically call-in the meter release to Xcel after a PV installation passes final electrical inspection. Dave explained that Xcel will not release or set the meter until the contractor or homeowner has also called for the meter set (the customer may fail to read his/her contract with Xcel). If the inspector is aware of and reminds the contractor or homeowner to do so, it will save follow-up calls from them as to why the meter hasn't been set.

XII N.E.C.A.:

Nothing new to report.

XIV NEXT MEETING:

Wednesday, JULY 18, 2012
The Tavern Lowry

XV ADJOURNED:

Meeting adjourned at 12:47 pm.
Minutes submitted by Giles Schurman