

**MINUTES OF MEETING OF  
BOARD OF ELECTRICAL APPEALS**

**January 11, 2011 - 3:00 p.m.**

**OFFICE OF CENTRAL INSPECTION  
CITY HALL, 455 NORTH MAIN  
OCI CONFERENCE ROOM, 7th FLOOR**

Vice-Chairman Dave Urban called the meeting to order at 3:00 pm, with Board members Brad Bishop, Mike Kilian, Shane Chapman, Tim Lenz and Secretary Tom Kerschen present. Also present was City attorney Jeff Vanzandt and electrical inspector Chris Nordick. Board members, Harold Ragland and Scott Alder were absent.

The minutes of the November 9, 2010 meeting were read. Board member Kilian made a motion the minutes be approved as written, it was seconded by Board member Bishop and approved.

The recent examination results from Prometric for electrical examinations administered by their office for City of Wichita approved applicants were presented to the Board. The results were as follows:

<b>APPLICANT NAME</b>	<b>APPLICANT NUMBER</b>	<b>EXAMINATION CLASSIFICATION</b>	<b>EXAMINATION RESULT</b>
Jarod Adams	2394	Journeyman	Passed
Kenneth Bascombe	2122	Journeyman	Failed
Jared Boone	5320	Journeyman	Passed
Randy Cavanaugh	3026	Journeyman	Failed
Brandon Clark	3095	Journeyman	Failed
Kyle Davis	6897	Journeyman	Passed
Christopher Dennis	5548	Journeyman	Passed
Pedro Diaz	7489	Journeyman	Passed
Nathan Free	6137	Journeyman	Passed
Bryan Harvey	3423	Journeyman	Passed
Joshua Hershey	1596	Journeyman	Passed
Michael Hilger	0793	Journeyman	Failed
Clayton Horsch	2721	Journeyman	Passed
Philip King	9952	Journeyman	Passed
Brandon Kupper	5400	Journeyman	Passed
Tyler Martin	0605	Journeyman	Passed
David Poland	4687	Journeyman	Passed
Matthew Rader	3907	Journeyman	Passed
Matthew Reynolds	4598	Journeyman	Failed
Josh Riley	4293	Journeyman	Passed
Corey Smet	6942	Journeyman	Passed
Aaron Smith	7993	Journeyman	Failed
Austin Snook	6043	Journeyman	Passed
Bryson Stanhope	1718	Journeyman	Passed

<b>APPLICANT NAME</b>	<b>APPLICANT NUMBER</b>	<b>EXAMINATION CLASSIFICATION</b>	<b>EXAMINATION RESULT</b>
Austin Towne	1101	Journeyman	Passed
Bryan Walter	2605	Journeyman	Failed
Caleb Wiechman	5948	Journeyman	Failed
Daniel Benage	5876	Journeyman	Failed
Michael Hilger	0793	Journeyman	Passed
Aaron Smith	7993	Journeyman	Passed
Russell Kellogg	7964	Res. Wireman	Failed
Jesse Davenport	8915	Elevator Mechanic	Failed
Bryan Henson	7682	Elevator Mechanic	Failed
John Seay	6167	Elevator Mechanic	Passed
John Smith	5344	Elevator Mechanic	Failed

Eleven (11) Journeyman Electrician, two (2) Elevator Mechanic and one (1) Alarm Technician applications were reviewed for approval to be administered the appropriate examination for certification. The results were as follows:

<b>NAME</b>	<b>NUMBER</b>	<b>CLASSIFICATION</b>	<b>ACTION</b>
Kenneth Bascombe	2122	Journeyman	Approved
Bryan Walter	2605	Journeyman	Approved
Caleb Wiechman	5948	Journeyman	Approved
Robert James	7554	Journeyman	Approved
Aaron Smith	7993	Journeyman	Approved
Michael Hilger	0793	Journeyman	Approved
Randy Cavanaugh	3026	Journeyman	Approved
Bryan Walter	2605	Journeyman	Approved
Jordan Hawkins	0494	Journeyman	Approved
Christopher Cavanaugh	3369	Journeyman	Approved
Randy Cavanaugh	3026	Journeyman	Approved
William Hayse	6850	Elevator mechanic	Approved
Bryan Henson	7682	Elevator mechanic	Approved
Kevin Seyfert	5630	Alarm Technician	Approved

With nothing scheduled under the Old Business section of the agenda, Secretary Kerschen informed the Board that the amendments to Title 19 of the City Ordinance, that was reviewed several months back, have been approved by City Council and are in effect as of January 1, 2011. (See the September 2010 minutes for a summary and a brief reason for each recommendation.)

Under the New Business section of the agenda part A, Secretary Kerschen explained to the Board that in 2005 an issue was brought before both the Electrical Board and Mechanical Board in regards to using Package Terminal Air Conditioners (PTAC). The issue in question was PTAC units that included heating as well as air conditioning. It was the interpretation of the Mechanical Board that a portable unit could not be used to provide the heat as such the PTAC unit had to be permanently fastened in place. Since it was now going to be a permanently installed unit the Electrical Board looked at it as a fixed in place heating unit which required to unit to be directly connected to the building wiring, so a cord and plug

would not be allowed, the contractor would have to install a hard-wired kit on each unit.

The board then welcomed Mickey Hines, with Value Place, and Glen Nilsen, with MKEC. They brought information and presented to the Board and asked the Board to reconsider that interpretation. Mr. Hines explained that Value Place has been installing PTAC's in all their Hotels for the last several years and have approximately 20,000 of them installed that are cord and plug connected. Mr. Nilsen told the Board that the cord requirements on these type of units have changed a few years back and now both UL and the NEC require single phase cord and plug connected air conditioners rated not over 250 volt shall be provided with factory-installed LCDI or AFCI protection. The LCDI or AFCI protection shall be an integral part of the attachment plug or be located in the power supply cord within 12 inches of the attachment plug. Board member Kilian asked Mr. Hines why, since hard-wired kits are available from the manufacturer, they wanted the units to be cord and plug connected? Mr. Hines explained that Value Place, in its normal maintenance schedule, once a year removes each unit to be thoroughly cleaned and with the unit being cord and plug connected all the maintenance personnel has to do is remove the 3 screws holding the unit in its frame and take the unit out of the building to be cleaned.

The members of the Board did not have any other questions for Mr. Hines or Mr. Nilsen. Vice-Chairman Urban thanked them for coming and explained that the Board would continue to discuss this issue and have Secretary Kerschen contact Mr. Hines in regards to the Board's interpretation and decision.

The Board continued to discuss this issue in detail and reviewed articles 400, 424 and 440 of the 2008 NEC. Board member Kilian made a motion that PTAC units that are listed by a testing agency, installed per manufacturer's installation instructions and have a factory installed cord meeting Section 440.65 of the NEC or a field installed hard-wired kit provided by the manufacturer, would meet the requirements of the National Electrical Code. Board member Bishop seconded the motion and it was unanimously approved.

With no other business to conduct, Board member Kilian made a motion to adjourn. Board member Bishop seconded the motion and the meeting adjourned.

The time was 4:18 pm.

Tom Kerschen, Secretary,  
Board of Electrical Appeals