

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

**April 8, 2014 - 3:00 p.m.**

**METROPOLITAN AREA BUILDING & CONSTRUCTION DEPARTMENT  
SEDGWICK COUNTY PUBLIC WORKS BUILDING  
1144 SOUTH SENECA  
BASEMENT CONFERENCE ROOM**

**Members:** Cole Hawkins, Mike Kilian, Richard “Butch” Kretchmar, John Murrell, Tony Naylor, Ernie Nelson, Brad Ragland

**Present:** Hawkins, Kilian, Kretchmar, Murrell, Nelson, Ragland

**Staff Present:** Tom Kerschen, Chris Nordick, (MABCD); Justin Waggoner (Sedgwick County Law Dept.)

The meeting was called to order by Chairman Ragland at 3:01 p.m.

Board Member Kilian made a motion to approve the March 11, 2014, minutes. Board Member Murrell seconded the motion. The motion carried.

There was no one present to speak on the Public Agenda.

The recent examination results from Prometric and ICC for electrical examinations administered by their office for Metropolitan Area Building and Construction Department 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>
Jason Bryan	7416	Master Elec	Failed
Mark Bradshaw	6353	Journeyman Elec	Passed
Charles Prior, Jr.	2344	Journeyman Elec	Failed
Javier Ramos	9878	Journeyman Elec	Passed
Brian Skinner	8411	Journeyman Elec	Failed
Eric Woolsey	4345	Journeyman Elec	Failed
Wilber Arias	5656	Journeyman Elec	Failed
Jason Barnes	1284	Elevator Master	Failed

Two (2) Master Electrician, three (3) Journeyman Electrician, one (1) Elevator Mechanic 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>
Jason Bryan	7416	Master Elec	<u>Approved</u>
Louis Guimond	1226	Master Elec	<u>Approved</u>
Andrew Crawshaw	7715	Journeyman Elec	<u>Approved</u>
Brian Skinner	8411	Journeyman Elec	<u>Approved</u>
Eric Woolsey	4345	Journeyman Elec	<u>Approved</u>
Jason Barnes	1284	Elevator Master	<u>Approved</u>

There were two (2) new Electrical Contractor Licenses issued since March 11, 2014:

<b>COMPANY NAME</b>	<b>QUALIFIED PERSON</b>
Michael Reynolds Electrical Synergy Electric LLC	Michael Reynolds Timothy Thomure

### **Unfinished Business**

The Board continued to discuss the variance request by ThyssenKrupp for the use of a hydraulic machine room less elevator. This installation of this elevator would require a variance on four sections of the currently adopted ASME A17.1-2004 Elevator and Escalator code. The requested variances are:

**3.19.4.1 Shutoff Valve.** A manually operated shutoff valve shall be provided between the hydraulic machines and the hydraulic jack and shall be located outside the hoistway and adjacent to the hydraulic machine on all hydraulic elevators.

#### **Requested variance**

The manual shutoff valve is replaced with an electronically assisted valve operated by a constant pressure key switch located in the service panel. The service panel is located at the 2nd landing and accessible from outside the hoistway. The service panel has LED indicators to show the states (open/closed) of this electronically assisted shutoff valve. The service panel is accessible only by Type 1 security.

**3.19.4.4 Manual Lowering Valve.** A manually operated valve, located on or adjacent to the control valves, shall be provided and identified, which permits lowering the car at a speed not exceeding 0.10 m/s (20 ft/min). This valve shall be so marked to indicate the lowering position.

#### **Requested variance**

The manual lowering valve is replaced with electronically assisted valve operated by a constant pressure key switch located in the service panel. The service panel is located at the 2nd landing and accessible from outside the hoistway. The service panel is accessible only by Type 1 security.

**3.19.4.5 Pressure Gauge Fittings.** A pressure gauge fitting with shutoff valve shall be provided on jack side of the check valve or immediately adjacent to the hydraulic control valve.

#### **Requested variance**

System pressure monitoring is accomplished via an electronic pressure monitoring arrangement.

This monitoring arrangement provides an electronic pressure transducer (on the jack side of the check valve) with remote LCD display located at the 2nd landing service panel accessible from outside of hoistway.

This LCD display shows system pressure directly eliminating the need for a hydraulic pressure fitting. If the LCD is use for another function, the display will revert back to displaying system pressure after 30 minutes. The service panel is accessible only by Type 1 security.

### **3.26.8 Pressure Switch**

When cylinders are installed with the top of the cylinder above the top of the storage tank, a pressure switch shall be provided in the line between the cylinder and the valve, which shall be activated by the loss of positive pressure at the top of the cylinder. The switch shall prevent automatic door opening and the operation of the lowering valve or valves. The door(s) shall be permitted to open by operation of the in-car open button, when the car is within the unlocking zone.

**Requested variance**

The pressure switch function is included with system pressure monitoring.

The MRL Hydro design is provide with an electronic pressure transducer (on the jack side of the check valve) with remote LCD display located at the 2nd landing service panel accessible from outside of hoistway.

The service panel is accessible only by Type 1 security. When system pressure drops below 45 psi, the pressure transducer signal is processed to stop the operation of the lowering solenoid. If system pressure is restored to above 60 psi, the system will resume normal operation.

Tom Kerschen stated to the Board, it is the recommendation of MABCD that the Board deny the requested variances. He also stated that the City and County Fire Departments are in agreement to this denial. The Board was given information on emails from MABCD, ThyssenKrupp and City and County fire.

After a very lengthy discussion Board member Murrell made a motion to delay the vote on the variance requests until the May meeting to give the Board members have a chance to look over all the information. Board member Hawkins seconded the motion. The motion carried.

Do to the time, Board Member Murrell made a motion to delay the review of the 2014 NEC until the April 22 code review meeting. Board Member Kilian seconded the motion. The motion was approved.

With no other business to conduct, Board Member Murrell made a motion to adjourn. Board Member Kilian seconded the motion. The motion was approved.

The meeting adjourned at 4:22 p.m.