



## CHAPTER MEETING MINUTES

October 7, 2015

50 Penn Place  
Oklahoma City, OK 73118

Attendance: Members 83 Guests 12 Students 1

President John Semtner called the meeting to order at 11:35 AM.

Grant Flurry delivered the invocation.

Chris Dolan (Research Promotion) stated COK Chapter goal for Research Promotion is \$42,000. Chris Dolan initiated the New COK 50/50 raffle promotion to help raised money for Research Promotion. \$350 total was raised with Robert Smith (EEI) winning \$175 (50%) and the remain \$175 (50%) donated to Research Promotion in his name.

Jason Keyes (Refrigeration Chair) announced this year's Spouses Night is December 2, 2015 at Rocky's in Bricktown.

Dan In-Hout, ASHRAE Distinguished Lecturer and Chief Engineer, Krueger, presented on airflow. He compared saving strategies to cost of occupant productivity. He showed cost of the average salary is 100 times greater than full cost of heating/cooling the associated occupant space. He recommended the use of DOA Delivery System with measurable and controllable ventilation rates based on varying occupant factors as a way to reduce energy cost.

There was no new business.

The meeting was adjourned at 12:57 PM.

Respectfully Submitted,

Damon McClure  
Secretary

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# 2647 \$175 ASHRAE RP  
 # 2648 \$500 Rocky & Company Dec 2.  
 # 2649 Urban Catering Reservation

10/7/2015 ASHRAE COK Meeting

|   | Last Name   | Name                          | Company                             | Type   | Price | Total Fee | Paid                | Notes                         |
|---|-------------|-------------------------------|-------------------------------------|--------|-------|-----------|---------------------|-------------------------------|
| ✓ | 1 Abiah     | Mitch Abiah, PE               | Frankfurt Short Bruza               | Member | 25    | 25        | Amount due: \$25.00 |                               |
| ✓ | 2 Akins     | Royal Akins                   | RB Akins Co                         | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 3 Akins     | Scot Akins                    | R B Akins Co                        | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 4 Allison   | Penny Allison                 | Engineered Equipment Inc.           | Guest  | 20    | 60        | Amount due: \$60.00 |                               |
| ✓ | 5 Azhdari   | Shahrokh Azhdari, PE, LEED AP | Frankfurt Short Bruza               | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 6 Ball      | Jamie Ball                    | emcs Inc.                           | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 7 Barboza   | Carlos Barboza                | Fosdick and Hilmer                  | Guest  | 25    |           |                     | signed up by Owen Gwin        |
| ✓ | 8 Carson    | Robert Carson                 | Johnson Controls, inc.              | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 9 Carter    | Donald Carter                 | University of Oklahoma              | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 10 Carter   | Randall Carter                | ZRHD PC                             | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 11 Chandler | Jim Chandler                  | Boone & Boone Sales                 | Member | 20    | 40        | Amount due: \$40.00 |                               |
| ✓ | 12 Daniel   | Kyle Daniel                   | ACI                                 | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 13 Demas    | Jordan Demas                  | Harrison-Orr Air Conditioning, LLC  | Guest  | 20    |           |                     | signed up by Damon McClure    |
| ✓ | 14 Determan | Thomas Determan               | Determan & Scheirman                | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 15 Determan | Brian Determan                | Determan-Scheirman                  | Member | 25    |           |                     | signed up by Jeremy Wood      |
| ✓ | 16 Dixon    | Rob Dixon                     | DS Herron                           | Guest  | 20    |           |                     | signed up by Darrin Raper     |
| ✓ | 17 Dolan    | Chris Dolan                   | Engineered Equipment Inc            | Member | 0     | 0         | No charge           | Prepaid EEI                   |
| ✓ | 18 Donehue  | Andy Donehue                  | Trane                               | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 19 Ellis    | Jeffrey Ellis                 | Process Equipment Company           | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 20 Ellis    | Richard Ellis                 | MTF Engineering                     | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 21 Enochs   | Brooke Enochs                 | TME LLC                             | Member | 20    |           |                     | signed up by Stephanie Thomas |
| ✓ | 22 Erdman   | Robert Erdman, PE             | Frankfurt Short Bruza Assoc         | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 23 Everett  | Brent Everett                 | Univ Of Oklahoma                    | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 24 Ewing    | Victor Ewing, PE              | Us Army Corps Of Engineers          | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 25 Flurry   | James Flurry                  | Federal Corporation                 | Member | 0     | 0         | No charge           | Prepaid Federal               |
| ✓ | 26 Fox      | Thomas Fox                    | MTF Engineering Inc                 | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 27 Futrell  | Cory Futrell                  | Frankfurt-Short-Bruza Associates    | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 28 Gramling | Joshua Gramling               | Boeing                              | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 29 Gwin     | Owen Gwin                     | Fosdick & Hilmer, Inc.              | Member | 25    | 75        | Amount due: \$75.00 |                               |
| ✓ | 30 Hatton   | James Hatton                  | Fosdick and Hilmer                  | Guest  | 25    |           |                     | signed up by Owen Gwin        |
| ✓ | 31 Hinton   | Larry Hinton                  | Hinton Refrigeration Co             | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 32 Howell   | Ray Howell                    | Frankfurt Short Bruza               | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 33 Hughes   | Byron Hughes                  | R B Akins Company                   | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 34 Hughes   | Michael Hughes                | Process Equipment Co Inc - Oklahoma | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 35 Jones    | Timothy Jones                 | Engineered Equipment Inc            | Member | 0     | 0         | No charge           | Prepaid EEI                   |
| ✓ | 36 Jones    | Gary Jones                    | Johnson Controls Inc.               | Member | 20    |           |                     | signed up by Richard Marsh    |
| ✓ | 37 Jordan   | Jeff Jordan                   | Johnson Controls Inc.               | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 38 Keyes    | Jason Keyes                   | Automated Building Systems          | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 39 Lango    | Daniel Lango                  | ADG Inc.                            | Guest  | 20    |           |                     | signed up by John Semtner     |
| ✓ | 40 Manahan  | Chris Manahan                 | GUERNSEY                            | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 41 Marsh    | Richard Marsh                 | Trade Mechanical Contractors Inc    | Member | 20    | 40        | Paid by cc          |                               |
| ✓ | 42 Marshall | Matt Marshall                 | PVI                                 | Guest  | 25    | 25        | Amount due: \$25.00 |                               |

|   | Last Name    | Name                     | Company                            | Type   | Price | Total Fee | Paid                | Notes                         |
|---|--------------|--------------------------|------------------------------------|--------|-------|-----------|---------------------|-------------------------------|
| ✓ | 43 Matchen   | John Matchen             | Engineered Equipment Inc.          | Guest  | 20    |           |                     | signed up by Penny Allison    |
| ✓ | 44 McClure   | Damon McClure            | Harrison-Orr Air Conditioning      | Member | 20    | 60        | Paid by cc          |                               |
| ✓ | 45 McDonough | McD McDonough            | MCD Company                        | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 46 Mendez    | Florentino Mendez        | Retired                            | Member | 20    | 20        | Paid by cc          |                               |
|   | 47 Merritt   | Marty Merritt            | Boone & Boone Sales                | Guest  | 20    |           |                     | signed up by Jim Chandler     |
|   | 48 Newman    | Jacob Newman             | Alvine Engineering                 | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 49 Plummer   | Travis Plummer           | Engineered Equipment Inc.          | Guest  | 20    |           |                     | signed up by Penny Allison    |
| ✓ | 50 Pope      | Terry Pope               | Determan & Scheirman Inc           | Member | 25    |           |                     | signed up by Jeremy Wood      |
| ✓ | 51 Raper     | Darrin Raper             | DS Herron Co Inc                   | Member | 20    | 40        | Amount due: \$40.00 |                               |
| ✓ | 52 Roswell   | Alex Roswell             | PSA Consulting Engineers           | Member | 20    | 20        | Amount due: \$20.00 |                               |
| ✓ | 53 Royal     | David Royal              |                                    | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 54 Sanchez   | Kyle Sanchez             | EEL, Inc.                          | Member | 25    | 25        | Amount due: \$25.00 | Prepaid EEI                   |
| ✓ | 55 Sanders   | Scott Sanders            | ADG                                | Member | 20    |           |                     | signed up by John Semtner     |
| ✓ | 56 Semtner   | John Semtner             | ADG                                | Member | 20    | 60        | Paid by cc          |                               |
| ✓ | 57 Sexton    | Samuel Sexton            | 050 Engineering Company            | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 58 Simon     | Rick Simon               | Hydronic Systems                   | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 59 Smith     | Robert Smith             | EEL, Inc.                          | Member | 25    | 25        | Amount due: \$25.00 | Prepaid EEI                   |
| ✓ | 60 Song      | Li Song                  | University of Oklahoma             | Member | 0     | 0         | No charge           | Student with ASHRAE OU        |
| ✓ | 61 Spradlin  | Matthew Caleb Spradlin   | TME, LLC                           | Member | 20    |           |                     | signed up by Stephanie Thomas |
| ✓ | 62 Stoabs    | Charles Dusty Stoabs, PE | Streets, LLC                       | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 63 Thomas    | Stephanie Thomas         | TME, LLC                           | Member | 20    | 80        | Paid by cc          |                               |
| ✓ | 64 Thomas    | Christopher Thomas       | TME, LLC                           | Member | 20    |           |                     | signed up by Stephanie Thomas |
| ✓ | 65 Trotter   | Kyle Trotter             |                                    | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 66 Walters   | Conner Walters           | Harrison-Orr Air Conditioning, LLC | Guest  | 20    |           |                     | signed up by Damon McClure    |
| ✓ | 67 Williams  | Kevin Williams           | High Impact Management, LLC        | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 68 Wilmore   | Jon Wilmore              | RB Akins                           | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 69 Wilson    | Michael Wilson           | Guernsey                           | Member | 20    | 20        | Paid by cc          |                               |
| ✓ | 70 Wilson    | Trapper Wilson           | Engineered Equipment Inc           | Member | 0     | 0         | No charge           | Prepaid EEI                   |
| ✓ | 71 Wood      | Jeremy Wood              | Determan Scheirman Inc.            | Member | 25    | 75        | Amount due: \$75.00 |                               |
| ✓ | 72 Maggard   | Marshall                 | Tinker                             |        | 25    |           |                     |                               |
| ✓ | 73 McLinton  | Chris                    | Kreuger                            |        | 25    |           |                     |                               |
| ✓ | 74 Anderson  | Tom                      | JCI                                |        |       |           |                     |                               |
| ✓ | 75 Oliver    |                          | Guernsey                           |        | 25    |           |                     |                               |
| ✓ | 76 Prado     |                          | "                                  |        | 25    |           |                     |                               |
| ✓ | 77 Laster    |                          | "                                  |        | 25    |           |                     |                               |
| ✓ | 78 Madole    | Mike                     | EEI                                |        | 25    |           |                     |                               |
| ✓ | 79           | Aruna                    |                                    |        | 25    |           |                     |                               |
| ✓ | 80 Jon       | Ikseong                  |                                    |        | 25    |           |                     |                               |

" " 89 Wolfe, Jim Prepaid

Wattie wo if Prepaid

Guest

EEI

+ Presenter

$$\frac{90 - 7}{83}$$

81 Price

82 Garcia

83 Wolfe

84 Ross

85 Weigl

86 Heasley

87 Sawyer

88 Penning

Matt

Bryan

Travis

David

Paul

Matt

Brian

Brad