

About the Presenters:

Rob Roegner, DoI/OSFM, 919-647-0098 (rob.roegner@ncdoi.gov): **I252**

Mr. Roegner is the Chief Deputy Fire Marshal for the Engineering Services Division of the Office of State Fire Marshal. Since starting with OSFM 15 years ago, he has provided oversight of the Engineering SERT team, which conducts all of the Preliminary Damage Assessment (PDA) field activities for the State of North Carolina and has provided supervision for the Disaster Code Enforcement Response Teams (DCERT). He has achieved IFSAC certification for Firefighter I and II, Hazardous Materials Operations Specialist, Fire Officer I, II, and III, and as an instructor for Firefighter I and II as well as Fire Officer I, II, III; and he holds Building II, Fire III, Mechanical III, and Plumbing III certificates.

Jeff Vernon, Mecklenburg County, 704-432-4645

(jeff.vernon@mecklenburgcountync.gov): **I391**

Jeff is employed by Mecklenburg County Code Enforcement as the Building Code Administrator. He is certified at level III in all 5 trades and holds MCP and CBO certifications from ICC. Jeff also teaches the Building Code Qualification courses at CPCC.

Jason Ruff, City of Raleigh, 919-996-4207, (Jason.Ruff@raleighnc.gov): **I823**

Jason is employed by the City of Raleigh Development Services Department as Chief Residential Inspector and Training Officer. He is certified at level III in all 5 trades and holds CBO and Permit Technician certifications from ICC. Jason came to Raleigh 2 years ago after serving as Director of Inspections for Rutherford County.

Tom Brown, Monroe, 704-282-4560, (tbrown@monroenc.org): **I323**

Tom is employed by the City of Monroe as Chief Building Inspector where he has served for over 20 Years. He is past president of the NC Building Inspectors' Association and still serves on the NCBIA board as an Ex-Officio. Tom holds Level III standard certificates in all Five Trades and also serves as an Instructor in Building Inspector Certification with Davidson County Community College; Davey Campus.

Matt Love, Cabarrus County, 704-920-2131, (TMLove@cabarruscounty.us): **I762**

Matt Love is Deputy Chief for Cabarrus County Construction Standards. He holds Level III Certificates in Building and Plumbing. Matt also teaches Standard Code Qualification Courses in both Building and Plumbing at RCCC.

Rick Zamani, Stokes County, 336-593-2445 (rzamani@co.stokes.nc.us): **I154**

Rick is employed by Stokes County. He holds certificates in Building, Electrical, Mechanical, Plumbing and Fire Prevention.

Art Weirauch, Manager – Training and Applications Engineering, OmegaFlex, Inc., 610-280-4114 (Art.Weirauch@omegaflex.com): **I889**

Art entered the CSST (corrugated stainless steel tubing) industry in 1989.

Involved in the first ever CSST installation, Art helped to introduce the promotion of CSST into the gas piping market. As owner and sole proprietor of a manufacturer's representative and wholesale distributor business of products for the fuel gas industry, Art has worked towards the adoption of CSST into the major fuel gas codes and assisted Gas Utilities with 2 lb. distribution policies.

Art is currently working at Omegaflex as Manager – Training and Applications Engineering. Some of his responsibilities include Gas System Design, Research and Development, as well as technical and code issues around the country. Art has conducted numerous training seminars for Contractors, Inspectors, Gas Utilities, Community Colleges and Forensic Engineering firms throughout the Country as well as heading up the training of Omegaflex, Inc. personnel and Omegaflex, Inc's

Manufacturing Representative Agencies. Art is participating in the Code development process of several State Codes as well as directing code official and industry inquiries into the bonding requirements for TracPipe and CounterStrike CSST systems. Art also oversees the technical information department and gas piping system designs for the TracPipe Division at OmegaFlex, Inc. Art is a member of the ANSI LC 1 Technical Sub-Committee.

Tony Boore, Applications Engineer, OmegaFlex, Inc., 610-280-4114
(Tony.Boore@omegaflex.com).

Tony has a BS degree in Education, substituting / teaching, K-9 for multiple schools districts, and had been self-employed working in the construction field, for over 30 years (Residential and Commercial since 1985). Upon accepting a position at OmegaFlex in 2016 Tony has been serving as a trainer for the Industrial Division. Conducting field trainings, product information assistance and testing of the CSST product (corrugated stainless-steel tubing). Recently, Tony transferred to OmegaFlex Inc. TracPipe division. Tony addresses technical issues from the field, assists in and conducts product training seminars for Engineers, Contractors, Inspectors, Gas Utilities, manufacturing Rep Agencies and company personnel.

Dan Dockery, Winston-Salem, 336-727-2414, (dand@cityofws.org): I460

Dan Dockery is the Chief Building Official for WS/FC Planning & Development Services. He has been a Building Safety Official for 17 years. He has served the NCBIA Con. Ed. Committee for nine years and has served as President of the NCBIA, where he is currently a board ex-officio. He also serves as national Vice-Chair of the Governing Committee for ICC's Building Official's Membership Council. Dan holds Building, Fire and Plumbing certifications and is a licensed Building Contractor in the State of NC.

Alex Ellis, Winston-Salem/Forsyth, 336-727-2382 (alexe@cityofws.org): I455

Alex is employed by Winston-Salem/Forsyth County and serves as Senior Mechanical Inspector. He holds certifications in Building, Electrical, Mechanical and Plumbing.

Tommy Rowland, Mecklenburg County, 980-314-3099
(tommy.rowland@mecklenburgcountync.gov): I608

Mr. Rowland currently works as the Code Administrator for Mechanical/Plumbing for Mecklenburg County Code Enforcement. His responsibilities include providing code interpretations, approving alternate materials/methods, conducting monthly consistency meetings and providing annual technical training for staff. He currently holds a Standard Level III Certificate in Building, Electrical, Mechanical and Plumbing. He also holds North Carolina contractor's license in HVAC, Electrical and General Contracting.

Jim Lawson, City of Highpoint, 336-883-3328 (jim.lawson@highpointnc.gov): I15

Jim has been employed with the City of High Point since January of 1985 until present and began his plumbing career full time in 1971. Jim received his plumbing contractor's license in the late 1970's. He is a Plumbing/Electrical Supervisor with the City of High Point. In this role, Jim looks after/coordinates/manages/leads a team providing field inspections, plan review, and answering complaints in the plumbing and electrical sections of the inspections department. He is a qualified professional holding plumbing, electrical, mechanical, and building certificates through the North Carolina Department of Insurance along with a North Carolina state contractor license in plumbing and a SPPH in electrical. Jim has been teaching certification classes for Davidson County Community College since 1990 and teaches North Carolina license preparation classes for all levels and Well seal and disinfection certifications. He has also served on many

Building Code Council ad-hoc committees helping with code rewrites, certification exams and instructor certification classes.

Jeff Cheek, 3M Fire Protection Products, 919-665-9399 (jeff_cheek@yahoo.com):

Jeff has been in the firestop industry for 22 years. In addition to the past 8 years with 3M as a Fire Protection Specialist, Jeff has worked for 2 other firestop manufacturers, Nelson Firestop Products and Specified Technologies. He has extensive experience in training and is a certified 3M instructor as well as FIT2 Certified with STI. In addition to training, Jeff serves as an onsite consultant for 3M to determine the proper application of UL systems, as a troubleshooter for firestop problems that arise on the job site, and provides sales support for 3M distribution in southern Virginia and the Carolinas.

Jeffrey Fecteau, UL, 952-838-5453 (jeffrey.fecteau@ul.com): **I711**

Jeff started his electrical career in the early 1980's in Phoenix, AZ. while in high school wiring houses with a friend of the family. In the mid 1980's, Jeff enlisted in the US Army as a Combat Engineer and when he returned home to Phoenix in the late 1980's, enrolled and graduated from Career One Technical Training Corporation as a Construction Electrician. In 1998 Jeff was hired by the City of Peoria, AZ. as a Combination Dwelling Inspector and within one year was promoted to Senior Electrical Inspector. Jeff's wife, Teri was relocated to Central IL, in 2006 by Teri's employer at which time, Jeff began working for the City of Bloomington, IL, as a Building Inspector III. Jeff then accepted the position of NEMA Midwest Field Representative in 2007, in 2009 accepted a position with UL as a Staff Engineer Associate and in 2013 was promoted to Senior Regulatory Engineer.

Jeff has been very active with the International Association of Electrical Inspectors (IAEI) since becoming a member in 1995. After serving as the President for the Central Arizona Chapter of IAEI in 2002 Jeff became the Education Chairperson for the Central Arizona Chapter and maintained that position until he relocated to Central, Illinois in 2006. Jeff has also been very active in Education and Electrical Safety since 1998. He taught electrical codes for Glendale Community College, Glendale, AZ. and Gateway Community College, Phoenix, AZ, for eight years, the 2nd year apprenticeship program for the Independent Electrical Contractors (IEC) in Phoenix for four years, and numerous seminars for the Central Arizona Chapter of IAEI as well as the Arizona Building Officials (AZBO), Phoenix Chapter of Independent Electrical Contractors (IEC) and the Phoenix Chapter of American Society of Home Inspectors (ASHI).

Jeff is a Certified Building Official (CBO), Certified Electrical Code Official (ECO) and currently maintains twenty-three International Code Council (ICC) inspection certifications and two IAEI inspection certifications. Jeff is currently approved as a CEU accredited instructor in Arizona, Texas, Minnesota, Louisiana, Michigan, Florida, South Carolina and North Carolina.

Brian Sieck, Winston-Salem, 336-486-4152 (briants@cityofws.org): **I841**

Brian is a level 3 Certified Electrical Inspector for the state of North Carolina, and has been an inspector for three years. Brian is certified by the North Carolina Board of Examiners of Electrical Contractors as a continuing education instructor, and is also an instructor for the Electrical Apprenticeship program for the Forsyth County Electrical Contractors Association. Brian has 18 years of field experience in the electrical trade in addition to his Inspections experience.

Committee Members, Reggie Hucks, Matt Love, Jason Ruff, Dan Dockery, Les Everett, Carl Martin, Cindy Motsko, Jeff Vernon, Rick Zamani.

About the Seminars:

Monday – 6-hours Building (and 2-hours towards 6-hour Fire certificate)

When Disaster Strikes CS3821

2-hours Fire – Rob Roegner, Department of Insurance/OSFM

The course will provide guidance on how to assess damage after a weather event and how to be more effective in the field.

Appendix B CS3807

2-hours Building – Jeff Vernon, Mecklenburg County

This course is designed to familiarize the student with NC Building Code requirements for Appendix B – Building Code Summary.

2018 Common Building Rejections CS3824

2-hour Building – Jason Ruff, Wake Co.; Tom Brown, Monroe; Matt Love, Cabarrus Co.

A look at common Building and Residential Code compliance issues found during building inspections.

2018 Building Question and Answer CS3808

2-hour Building – Rick Zamani, Stokes County; Jeff Vernon, Mecklenburg County

This session will have prepared answers to questions (approximately 24) concerning code enforcement clarification and consistency.

Tuesday – 6-hours Mechanical (and 2-hours towards 6-hour Fire certificate)

Smoke Control Systems CS3817

2-hours Fire – Jason Ruff, Wake County

This course gives an in depth illustration of relevant NC Building Code, NC Mechanical Code & NC Fire Code sections as they relate to installation, inspection and maintenance of smoke control systems in buildings.

CSST and Regulators CS3577

2-hours Mechanical – Art Weirauch & Tony Boore, Omegaflex

Addresses the following:

- Applicable Codes and Standards
- Pressure Regulators
- System Configuration and Sizing
- General Installation Practices
- Outdoor Installations
- Protection from Puncture Threat
- Special Consideration
- Installation Practices
- Electrical Bonding / Grounding of Arc Resistant CSST
- Electrical Bonding / Grounding of Standard CSST
- Inspection

2018 Common Mechanical Rejections CS3828

2-hour Building – Dan Dockery, Winston-Salem

A look at common Mechanical Code compliance issues found during building inspections.

2018 Mechanical Question and Answer CS3809

2-hour Building – Tommy Rowland, Mecklenburg County

This session will have prepared answers to questions (approximately 24) concerning code enforcement clarification and consistency.

Wednesday – 6-hours Plumbing (and 2-hours towards 6-hour Fire certificate)

Venting, Sanitary Drainage, and DFU's CS3826

4-hour Plumbing – Jimmy Lawson, High Point

A look at how vents and drains function and how to properly size the piping.

Firestopping and Penetrations - Plumbing CS3832

2-hour Fire – Jeff Cheek, 3M

This session will provide insight into how firestopping works and how to effectively firestop plumbing penetrations.

2018 Plumbing Questions and Answers CS3820

2-hour Building – Dan Dockery, Winston-Salem

This session will have prepared answers to questions (approximately 20) concerning code enforcement clarification and consistency.

Thursday – 6-hours Electrical

Grounding CS3811

2-hours Electrical – Jeff Fecteau, UL

2014 National Electrical Code requirements for Grounding.

- Definitions
- General Requirements for Grounding
- Connections of Grounding Equipment
- Grounding Service Supplied Alternating-Current Systems
- Grounding of Buildings and Structures Supplied by Feeders or Branch Circuits
- Grounding of Permanently Installed Generators
- Grounding Electrode System
- Equipment Grounding

Fault Current Requirements CS3810

2-hours Electrical – Jeff Fecteau, UL

2014 National Electrical Code requirements for Short-Circuit Current and Interrupting Ratings.

- Definitions
- Listing Requirements
- Critical Points in the Electrical System
- Ratings
- Markings
- Identification of Disconnecting Means
- Motor Contribution
- Procedures and Methods

2018 Electrical Common Rejections / Q&A CS3829

2-hour Building – Brian Sieck, Winston-Salem

This session will have prepared answers to questions (approximately 24) concerning code enforcement clarification and consistency and will address common Electrical Code violations.