

May 7, 2008

# DOI ENGINEERING NEWSLETTER



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## Building Code Council

The next NC Building Code Council will be June 9<sup>th</sup> and 10<sup>th</sup> at the OSFM Offices located at 322 Chapanoke Road in Raleigh. The BCC Business meeting will start at 9:00 am on the 9<sup>th</sup>, the public hearing portion will start at 1:00 pm on the 9<sup>th</sup> and the BCC council meeting will start at 9:00 am on the 10<sup>th</sup>.

## NC Code Officials Qualification Board

The next NC Code Officials Qualification Board meeting will be July 22<sup>nd</sup> at the OSFM Office at 322 Chapanoke Road in Raleigh.

### New Employee

On May 1<sup>st</sup>, Sarah Van Doornewaard has joined our Qualification Board staff as Administrative Assistant. Please welcome her when you speak to her about certificates at Extension x 256.

## Electrical Code Adoption

The 2008 NC Electrical Code becomes effective on June 1, 2008. The NC amendments to the 2008 NEC are available at the following link. Note that Articles 210.12, 338.10(B)(4)(a) and 406.11 are subject to Legislative review and a delayed effective date (to be determined).  
[http://www.ncdoi.com/OSFM/Engineering/BCC/engineering\\_bcc\\_electrical\\_codes.asp](http://www.ncdoi.com/OSFM/Engineering/BCC/engineering_bcc_electrical_codes.asp)

## Qualification Board Changes

The first change is that the Qualification Board now has a dedicated fax number that is not shared with the rest of the Engineering department. The new number is **(919) 661-3193**. Forms will be changed to reflect this number over the next few weeks. Please note that the previous number will continue to work, but will be shared by the entire Engineering Department.

The second change is that inspector's certifications and CEUs can now be viewed on-line at [http://www.ncdoi.com/OSFM/Engineering/COQB/engineering\\_coqb\\_home.asp](http://www.ncdoi.com/OSFM/Engineering/COQB/engineering_coqb_home.asp)

As the department catches up with the Continued Education tracking, this tool allows inspectors to view the information we have. For additional information about Continued Education, Please contact Leslie Allen at Extension x241.

Finally, renewal invoices will be mailed to each inspection department during the week of May 12<sup>th</sup>. Renewal fees are due by June 30, 2008 as well as the required 6 hours of continuing education per each standard and limited certificate. A copy of the renewal invoices will also be available in a PDF format on the Board's website as of May 19<sup>th</sup> if you need an additional copy.

# Job Openings

There are three job openings within the Engineering Department:

## **ELECTRICAL CODE CONSULTANT (BUILDING SYSTEMS ENGINEER II) – OFFICE OF STATE FIRE MARSHAL, ENGINEERING DIVISION, STATE PROPERTY PLAN REVIEW SECTION – GRADE 77 – SALARY UP TO \$67,000, DEPENDING ON EXPERIENCE**

The successful applicant will: (1) Review State-owned facility construction plans for compliance primarily with the NC Electrical Code, but also, other NC Building Codes with an emphasis on life safety; (2) Serve as a consultant to architects, engineers, contractors, and State agencies on the Code; (3) Spot-check selected State projects under construction for compliance with the Code and to keep abreast of construction technology; (4) Assist State agencies in planning improvements in life safety and property protection. This position provides an exceptional opportunity for professional development and "networking". You will participate in an extraordinary range and variety of projects at State facilities, and have a positive impact on their design. This position requires solid knowledge of the NC Electrical Code, thorough familiarity with a range of building construction types and practices, and the ability to make sound judgment calls on design alternates which accommodate both the owner's needs and meet the intent of the prescriptive Code requirements. Expeditious NC COQB certification will be required to Level III in the Electrical Code plus other Codes as applicable for the specific position. Code training provided. The successful applicant will be a very service-oriented person and will have already demonstrated strong interpersonal and communication skills.

**REQUIREMENTS:** Graduation from a four-year college or university with a BS in Electrical Engineering or Electrical Engineering Technology and three years of related experience that includes working with the NC Electrical Code or other NEC based Codes and related standards, or equivalent education and experience.

**PREFERRED REQUIREMENTS:** Design and/or experience in large commercial building and/or campus electrical systems or experience with complex projects such as hospitals, research facilities (HAZMAT), and high rise buildings a plus.

## **MECHANICAL CODE CONSULTANT (BUILDING SYSTEMS ENGINEER II) – OFFICE OF STATE FIRE MARSHAL, ENGINEERING DIVISION, STATE PROPERTY PLAN REVIEW SECTION – GRADE 77 – SALARY UP TO \$67,000, DEPENDING ON EXPERIENCE**

The successful applicant will: (1) Review State-owned facility building plans primarily for compliance with the NC Mechanical Code, but also other NC codes, with an emphasis on life safety; (2) Serve as a consultant to architects, engineers, contractors, and State agencies on the Code; (3) Spot-check selected State projects under construction for compliance with the Code and to keep abreast of construction technology; (4) Assist State agencies in planning improvements in life safety and property protection. This position provides an exceptional opportunity for professional development and "networking". You will participate in an extraordinary range and variety of projects at State facilities, and have a positive impact on their design. This position requires solid knowledge of the NC Mechanical Code, thorough familiarity with a range of building construction types and practices, and the ability to make sound judgment calls on design alternates which accommodate both the owner's needs and meet the intent of the prescriptive Code requirements. Expeditious NC COQB certification will be required to Level III in the NC Mechanical Code plus other Codes, as applicable for the specific position. Code training will be provided. The successful applicant will be a very service-oriented person and will have already demonstrated strong interpersonal and communication skills.

**REQUIREMENTS:** Graduation from a four-year college or university with a BS in Mechanical Engineering or Mechanical Engineering Technology and three years of related experience that includes working with the NC Mechanical Code or other ICC based Mechanical Code and related standards, or equivalent education and experience.

**PREFERRED REQUIREMENTS:** Design and/or experience in large commercial building and/or campus electrical systems or experience with complex projects such as hospitals, research facilities (HAZMAT), and high rise buildings a plus.

**Certification Engineer (Building Systems Engineer II)**  
**Engineering Division - Grade 77 - Salary - Up to \$61,896 depending on experience**

This position serves as the Investigator to the North Carolina Code Qualification Board (NCCQB). The NCCQB is responsible for certifications issued to code officials (Building, Electrical, Mechanical, Plumbing and Fire) throughout the state. Responsibilities of this position include; investigating complaints against code officials, assist in the creation and administration of state certification exams and provide interpretations regarding the state building codes. This position will require some travel, general knowledge of all North Carolina Building Codes, respond to questions by phone and report writing. A successful candidate will have excellent oral and written communication skills.

Requirements: Four-year degree with a major in civil, electrical, mechanical, or construction engineering and three years experience in such work.

Preference: A strong background in residential construction and codes.

**Go to our website for more information -**  
[http://www.ncdoi.com/Home/Jobs/jobs\\_view\\_new.asp](http://www.ncdoi.com/Home/Jobs/jobs_view_new.asp)

## Upcoming Dates:

NC Fire Marshals Association Quarterly Meeting - May 14  
NC Plumbing Inspectors Meeting - June 8-11  
Building Inspectors Annual Meeting - June 27 - July 2  
NC Mechanical Meeting - Aug 24 - 27