

New York State Society

hapter of Professional Engineers

The Drawingboard

April 2011

Volume 11, Number 4

President's Message

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By George Tavoulareas, P.E. President gltpe@msn.com

On May 5, 2011 Engineers from our society will be speaking to the engineering students at City College. Our presentation to the students will stress the importance of licensure, ethics and the status of the profession. As I have learned in the past, these students crave our attention, knowledge and experience. The students are yearning for our work experiences and knowledge of the profession. We will be at City College from 12:15pm to 1:45 pm. If you would like to spend some time with us and briefly speak to students, please let me know your availability by e-mail. Giving back some time to the students is truly self fulfilling. I want to thank past President Salvatore Galletta; PE for taking the time and arranging the presentation.

The NYC Dept. of Buildings has issued for review and comment Proposed Amendments to Department of Buildings rule relating to Special Inspectors and Special Inspection Agencies which amends Sections 101-03 and 101-06 of Subchapter A of Chapter 100 of Title 1 of the Rules of the City of New York. This proposed rule deals with special inspections and the proposed rule can be read by following the link:

http://www.nyc.gov/html/dob/downloads/rules/rule_101-06_proposed.pdf

Please make sure you *delete the text* in brackets when you read the proposed rule.

The previously adopted rule can be read by clicking this link: http://www.nyc.gov/html/dob/downloads/rules/1_RCNY_101-06.pdf

In June 2010, Department of Buildings (DOB) issued a proposed

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rule to amend RCNY 101-06. That proposed rule was not enacted because it was poorly written and the industry was up in arms. Is DOB moving in the right direction? The revised proposed rule is still flawed and certain sections violate the law. The proposed rule still allows tradespeople, ie. plumbers, fire alarm technicians, etc the right to signoff TR-1 inspections. The NY State Education Architectural and Engineering boards last year issued letters to DOB that special inspections constitute the practice of architecture and engineering, respectively. The NYC Fire Department (FDNY) as of Jan. 2, 2011 stopped allowing electricians to self certify FDNY fire alarm Letter of Defects because the FDNY found contractors falsifying repairs that were never done. Why the DOB would allow contractors to certify the work of other contractors is beyond me? Plumbers under this rule would still be able to signoff on standpipes, sprinklers and detention tanks. What do plumbers know about detention tanks anyway? Please read the proposed rule change and adopted rule shown above and send me your comments by e-mail no later than c/o/b on May 5, 2011. We will discuss this proposed rule at our general membership meeting.

Several license design professionals were given Environmental 800 Control Board (ECB) violations for not having "complete design 800 documents". violations given to license These design professionals by the DOB cite the NYC building code, Section 28-104.7.1. This section of the code requires the design professional 200 to provide complete and with sufficient clarity, construction documents. These professionals were able to beat the violations but they had to hire attorneys and spend time fighting them. Hats off to them for fighting these ridiculous and possibly illegal violations. I believe the DOB does not have the authority to issue license design professionals summonses. We're not plumbers, contractors, electricians nor are we homeowners. Our attorneys are looking into this matter and I will update you at the general 4 2146 membership meeting. If you have received one of these 1-2300 summonses please call me to discuss. All matters will be kept highly confidential. 2-1687

Our next meeting is scheduled for April 28, 2011 at 6:00pm in Ft.Totten. I LOOK FORWARD TO SEEING YOU.

Next Meeting Notice

John Mazza, P.E. Of Airpath Engineering PC will present "Understanding the HVAC Systems Balancing Process & Interpreting the Certified Testing / Adjusting / Balancing Report" 6:00PM – Thursday, April 28, 2011 – 422 Weaver Ave., Ft. Totten, Bayside, NY

NYC Rules Page

Rules and regulations of the City of New York can be viewed at the following link:

http://www.nyc.gov/html/nycrules/html/proposed/prop osed.shtml

Do You Trust Engineers?

Web link of the month. http://www.youtube.com/watch?v=5Zmjk-IDFa0



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

CHIEF OPERATING OFFICER (518) 473-8381 E-mail: vgrey@mail.nysed.gov

April 11, 2011

To:

Interested Parties Valerie Grey

From:

Subject: Amendments to Part 68 of the Regulations of the Commissioner of Education

Attached are proposed amendments to the Regulations of the Commissioner of Education relating to the mandatory continuing education requirements for professional engineers and land surveyors. The proposed amendments would expand acceptable continuing education activities to include professional service on a committee or task force that addresses technical and/or regulatory issues relating to the professional practice of engineering and/or land surveying. The proposed amendments would also require that licensees earn at least one continuing education credit during each triennial registration period by participating in an approved continuing education course or educational activity that focuses substantially on ethics relating to professional practice. These amendments would more closely align the New York State requirements for mandatory continuing education with current standards established by the National Council for Examiners for Engineering and Land Surveying (NCEES) and increase public protection by increasing the design professionals' knowledge of ethical standards for these professions.

It is anticipated that the amendments will be presented to the Board of Regents at their meeting on June 20-21, 2011 for adoption. Prior to that action, we wish to share the amendments with persons who have an interest in this matter.

The amendments were published in the April 6, 2011 issue of the New York State Register. If you have comments on the amendments, please submit them by May 21, 2011, which is the end of the formal comment period.

Please send your comments to:

Jane W. Blair, PE, Executive Secretary New York State Board for Engineering and Land Surveying NYS Education Department – 2nd Floor Mezzanine – East Wing 89 Washington Avenue Albany, NY 12234 Or E-mail: <u>enginbd@mail.nysed.gov</u>

Thank you for your attention and cooperation in this endeavor.



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

AMENDMENT TO THE RULES OF THE BOARD OF REGENTS AND REGULATIONS OF THE COMMISSIONER OF EDUCATION

Pursuant to sections 207, 6504, 6506, 6507, 6509, 7211, and 7212 of the Education Law

1. Subparagraph (i) of paragraph (1) of subdivision (c) of section 68.11 of the Regulations of the Commissioner of Education is amended, effective July 15, 2011, as follows:

(i) During each triennial registration period, meaning a registration period of three years' duration, an applicant for registration shall complete at least 36 hours of continuing education acceptable to the department, as defined in paragraph (3) of this subdivision, provided that at least 18 hours of such continuing education shall be in courses of learning, [and] no more than 18 hours of such continuing education shall be in other educational activities as prescribed in paragraph (3) of this subdivision, <u>and at least one hour of such continuing education shall be in professional ethics</u>. Any licensed professional engineer whose first registration date following January 1, 2004 occurs less than three years from that date, but on or after January 1, 2005, shall complete continuing education per month for the period beginning January 1, 2004 up to the first registration date thereafter. Such continuing education shall be completed during the period beginning January 1, 2004 and ending before the first day of the new

registration period or at the option of the licensee during any time in the previous registration period.

Clause (b) of subparagraph (ii) of paragraph (3) of subdivision (c) of section
 68.11 of the Regulations of the Commissioner of Education is amended, effective July
 15, 2011, as follows:

(b) Other educational activities. Acceptable continuing education shall be the following other educational activities, provided that no more than 18 hours of continuing education in a registration period shall consist of such other educational activities:

(1) . . .

(2) . . .

(3) . . .

(4) . . .

(5) completing a self-study program, meaning structured study, provided by a sponsor approved pursuant to subdivision (i) of this section, that is based on audio, audio-visual, written, on-line, and other media, and does not include live instruction, transmitted in person or otherwise, during which the student may communicate and interact with the instructor and other students; [and]

(6) completing an educational tour, meaning a structured tour of an instructional nature provided by a sponsor approved pursuant to subdivision (i) of this section; and

(7) serving on any committee or task force that addresses technical and/or regulatory issues relating to the professional practice of engineering, provided that such committee or task force has been established by a governmental entity, professional association, or other entity determined by the department, with assistance from the State Board for Engineering and Land Surveying, to be acceptable. Continuing education hours that may be credited for this activity shall be one hour of credit for every two hours of service while engaged in activities directly related to professional practice. To be acceptable for continuing education credit, such service must be certified in writing by an authorized individual within the committee or task force and approved by the department. No more than nine hours of such continuing education may be included during each registration period.

3. Subparagraph (i) of paragraph (1) of subdivision (c) of section 68.12 of the Regulations of the Commissioner of Education is amended, effective July 15, 2011, as follows:

(i) During each triennial registration period, meaning a registration period of three years' duration, an applicant for registration shall complete at least 24 hours of continuing education acceptable to the department, as defined in paragraph (2) of this subdivision, provided that at least 16 hours of such continuing education shall be in courses of learning, [and] no more than eight hours of such continuing education shall be in other educational activities as prescribed in paragraph (2) of this subdivision, including but not limited to self-study programs, and at least one hour of such continuing education shall be in professional ethics. Any licensed land surveyor whose first registration date following January 1, 2004 occurs less than three years from that date, but on or after January 1, 2005, shall complete continuing education hours on a prorated basis at the rate of one hour of acceptable continuing education per month, up to a maximum of 24 continuing education hours, for the period beginning January 1, 2004 up to the first registration date thereafter. Such continuing education shall be completed during the period beginning January 1, 2004 and ending before the first day of the new registration period or at the option of the licensee during any time in the previous registration period.

4. Clause (b) of subparagraph (ii) of paragraph (2) of subdivision (c) of section68.12 of the Regulations of the Commissioner of Education is amended, effective July15, 2011, as follows:

(b) Other educational activities. Acceptable continuing education shall be the following other educational activities, provided that no more than eight hours of continuing education in a registration period shall consist of such other educational activities, including but not limited to self-study programs:

(1) . . .

(2) . . .

(3)...

(4) . . .

(5) completing a self-study program, meaning structured study, provided by a sponsor approved pursuant to subdivision (i) of this section, that is based on audio, audio-visual, written, on-line, and other media, and does not include live instruction, transmitted in person or otherwise, during which the student may communicate and interact with the instructor and other students; [and]

(6) completing an educational tour, meaning a structured tour of an instructional nature provided by a sponsor approved pursuant to subdivision (i) of this section; and

(7) serving on any committee or task force that addresses technical and/or regulatory issues relating to the professional practice of land surveying, provided that such committee or task force has been established by a governmental entity, professional association, or other entity determined by the department, with assistance from the State Board for Engineering and Land Surveying, to be acceptable. Continuing education hours that may be credited for this activity shall be one hour of credit for every two hours of service while engaged in activities directly related to professional practice. To be acceptable for continuing education credit, such service must be certified in writing by an authorized individual within the committee or task force and approved by the department. No more than nine hours of such continuing education may be included during each registration period.



PROFESSIONAL DESIGN CENTER OF NEW YORK, INC

422 Weaver Ave Fort Totten, Bayside, NY 11356

2011

NSPE Queens Chapter Meeting

Lecture

Date: April 28, 2011 Buffet dinner 6:15 pm-7:00pm

At

422 Weaver Ave. Fort Totten, Bayside, Queens

1 Continuing Education Credit

Admission fee is \$15 for NYSSPE members; \$20 for non-members.

PRESENTED BY:

John Mazza, PE Airpath Engineering PC

THE PROGRAM

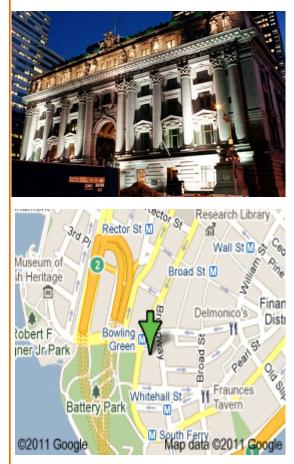
UNDERSTANDING THE HVAC SYSTEMS BALANCING PROCESS & INTERPRETING THE CERTIFIED TESTING/ADJUSTING/BALANCING REPORT

The ASHRAE definition of HVAC system Testing, Adjusting, Balancing is applied by various agencies, including the National Environmental Balancing Bureau (**NEBB**), Sheet Metal Contractors Testing, Adjusting, Balancing Bureau (**TABB**), and the Associated Air Balance Council (**AABC**). All organizations provide a procedural standards for the balancing activities. Each have similar procedures, but differ in the technical requirements, certification process of technicians and certified professional (supervisors), report forms, report language, and quality control / compliance. Engineers who specify a TAB firm or agency assume responsibilities in approving an independent firm with sufficient qualifications, and accepting (approving) a certified or non certified report for the client. The presentation will illustrate many of the features of a quality TAB report for air and water systems, explain the information provided in the report, and describe the implied warranties by certified balancing firms. The presentation illustrates what happened to the final project when an unqualified firm attempts to complete the TAB.

Please RSVP to George Tavoulareas, PE at 347-387-1649.

Alexander Hamilton US Custom House

One Bowling Green, New York, NY 10004



Easily accessible by car, train, bus or plane

This Seminar is brought to you by:



Who Should Attend:

Engineers Architects Building Owners Property Managers, Operations & Maintenance Staff Energy Utilities Providers Purchasing Officials Planners and contractors

Why I Should Attend:

Learn about cutting edge information, Sustainable, Energy and cost savings approaches ***Expand our efforts to foster sustainable buildings***Learn about effective team approaches to practices and emerging concepts***Learn about Energy Efficient and Environmentally friendly systems*** Learn about Funding Opportunities***Hear from our partners and appropriate sustainability advocacy organizations.***Develop materials and programs related to sustainability***Learn from Industry Leaders in Sustainable Design*** Learn about ASHRE, AEE, BOMA, IFMA, USGBC role in Sustainability.***Learn about Globalization Roadmap ASHRAE NY Chapter, GSA, Con Edison, EPA & Duane Morris Present

Joint All-Day Seminar, Networking Reception & Green Zone Exhibits

LOW ENERGY USE MEASURES FOR COMMERCIAL BUILDINGS CONCEPT THROUGH OPERATIONS



DATE: TUESDAY MAY 3RD, 2011

Where: Alexander Hamilton Custom House, One Bowling Green, NY, NY

What: A highly engaging and useful seminar for developers, designers, owners, operators, procurement officials, and others with a keen interest in resource efficiency and greening the landscape.

This seminar is intended to award PDH & CEU Credits for attendance.

Seminar Agenda, Sponsorship and Registration

Du: JOINT ALL-D/	y Chapter, GSA, Con Edison, EPA and ane Morris Present AY SEMINAR , NETWORKING I & GREEN ZONE EXHIBITS	INVITATION FOR SPONSORING OR EXHIBITING AT	All Day Seminar LOW ENERGY USE MEASURES FOR COMMERICAL BUILDINGS CONCEPT THROUGH OPERATIONS
	E MEASURES FOR COMMERCIAL BUILDINGS THROUGH OPERATIONS	ALL DAY SEMINAR & NETWORKING EVENT	Tuesday May 3, 2011 Alexander Hamilton US Custom House One Bowling Green, New York, New York
Alexander H	esday May 3, 2011 lamilton US Customs House Green, New York, New York	MAY 3, 2011	REGISTRATION FORM
7:30 AM – 8:00 AM	Registration, Coffee & Bagels	АТ	First Name:
8:00 AM – 8:10 AM	Welcoming Remarks GSA Region 2 Administrator, Denise L. Pease		Middle Name: Badge Name: Title
8:10 AM – 8:20 AM	Introductory Remarks -ASHRAE President or Designee	THE ALEXANDER HAMILTON US CUSTOM HOUSE,	Agency/Organization Address City, State, Zip Code
8:20 AM – 8:30 AM	Con Edison Vice President Roles & Responsibility for Energy Efficiency		Phone Number, Fax Number Email Address
8:30 AM – 9:15 AM	Projecting into the Future World of Sustainability", Jack Baker, the FUTURIST.	ONE BOWLING GREEN, NEW YORK CITY	PDH/AIA/CES Credits – AIA/P.E number if NY Chapter member Member Status:
9:15 AM – 11:00 AM	PANEL 1: INTEGRATED DESIGN TO OPERATIONS APPROACH TOWARDS ENERGY EFFICIENCY MODERATED BY ALEXANDER WEISS	Corporate, Public & Private Sponsors are requested to spon- sor the Evening Networking Reception and Exhibits. Please Contact Om Taneja @ Telephone Number 908-327-0948 or on e-mail om.taneja@gsa.gov if you want to sponsor this recep-	ASHRAE NY Chapter IFMA BOMA GSA AEE USGBC NY Chapter
Coffee Break		tion or want to exhibit.	AIA NY Chapter
11:15 AM – 01:00 PM	PANEL 2: APPLICATION OF GREEN INDUSTRY CODES MODERATED BY PETER FUNK, PARTNER, DUANE MORRIS, LLP		Cost Early Registration Cost by April 27th: \$175
01:00 PM – 2:00 PM	Lunch – Lunch Speaker- Kevin Heslin, Editor, Mission Critical Magazine	SPONSOR - \$5,000 – ACKNOWLEDGED SPONSOR FOR ALL ACTIVITIES, TWO EXHIBIT TABLES AND UP TO 10 ATTEN- DEES FREE	On-site Registration Cost: \$200 Please make checks out to ASHRAE NY Chapter
02:15 PM – 3:30 PM	PANEL 3:CONTRACTING VEHICLES TO IMPLEMENT ENERGY & WATER PROJECTS – MODERATED BY BRIAN MAGDEN, GSA, REGION 2	SPONSORS – For \$1,000 – Get EXPO Table, display equipment, bring up to 3 people to seminar free and be listed	New York State PDH Credits and AIA CEU Units will be awarded for the Seminar
3:30 PM – 5:30 PM	PANEL 4: ENERGY SAVING INITIATIVES FOR BUILDINGS &	as sponsor of Seminar, Networking and Student Posters	
Parallel Track I	FOR DATA CENTERS – MODERATED BY VICENTA GUERINO, CON EDISON	SPONSORS – For \$500 – Get EXPO Table, bring 2 people free	Mailing Directions
3:30 PM – 5:30 PM	PANEL 5: MONITORING & CONTROL		Please send application and check to:
Parallel Track II	OF BUILDINGS ENERGY & WATER EFFICIENCY PROGRAMS – MODERATED BY FRANK NAPOLI		Treasurer, ASHRAE NYGene GeyerDolphin Equipment Corporation
5:30 PM	Closing Remarks by Jesse Feinberg, Columbia University		629 5th Ave. #113 Pelham, NY 10803 Tel. 914-663-8355 Fax 914-633-5333
2:00 PM – 7:00 PM	GREEN PRODUCTS EXPO	** FULL AGENDA WITH LIST OF SPEAKERS AVAILABLE	Cell 914-033-0333
5:45 PM – 7:00 PM	COCKTAILS & NETWORKING RECEPTION	ON-SITE**	Gene@DolphinEquipment.com

CONSTRUCTION April 25 - 29, 2011 SAFETY WEEK

Schedule of Events

Monday, April 25

Build Safe / Live Safe: An Inside Look at NYC Construction Trends 9:00am to 1:00pm NYU Rosenthal Pavilion 60 Washington Square South New York, NY

Program Topics

Preventing Accidents in NYC Safety Innovations at NYC's Largest Projects New Concrete Requirements Safe Demolition Operations Safe Scaffold Operations Community Partnerships

Lunch will be served at this event

Registration is required for this event. To register, please visit the link below: <u>www.ovationtix.com/trs/pe/8914055</u>

Tuesday, April 26

Construction Site Visit TBA

Wednesday, April 27

Tenants & Homeowners Night: Annual Boiler Inspections & Resolving ECB Violations 5:00pm to 7:00pm 280 Broadway, 3rd Floor Conference Room New York, NY

Thursday, April 28

Worker Memorial Mass 2:45pm St. Patrick's Cathedral 460 Fifth Avenue New York, NY

Illegal Conversion Flyer Distribution TBA

Friday, April 29

Professional Seminar: Urban Construction Challenges 1:00pm to 2:00pm 280 Broadway, 6th Floor Training Room New York, NY Professional Seminar: Benchmarking & Sustainability in NYC 2:15pm to 3:15pm 280 Broadway, 6th Floor Training Room New York, NY

Professional Seminar: Safety Design in High-Rise Construction 3:30pm to 4:30pm 280 Broadway, 6th Floor Training Room New York, NY

AIA credit is available for all three seminars.

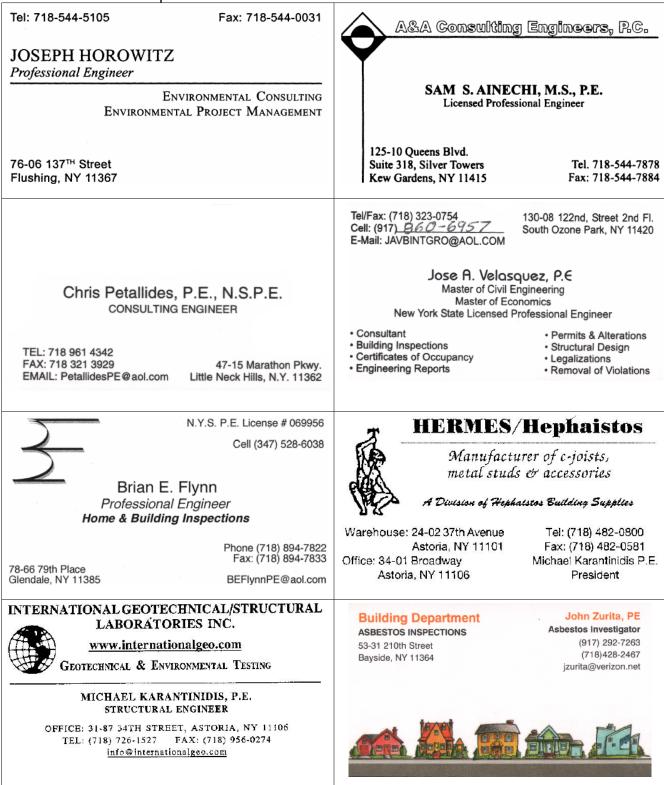
Registration is required to attend the seminars. To register, please send an email with your name & the title of the seminar you want to attend to: <u>safetyweek@buildings.nyc.gov</u>

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