

Queens Chapter

New York State Society of Professional Engineers

The Drawingboard

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President's Message

By [George Tavoulaareas, P.E.](#)
President gltp@msn.com

The NYC DOB amendment regarding Special inspections is in effect and another proposed rule regarding the Board of Standards and Appeals is out for comment. Within the next couple of months the state will announce which design/build firm will design and build the new Tappan Zee bridge. You can read more about the bridge at: <http://www.thenewtzb.ny.gov/>

Cornell University has selected the architectural firm of [Thom Mayne](#) and [Morphosis](#) and the engineering firm Arup to design the first academic building for the new Cornell/NYC Technion campus on Roosevelt Island that will specialize in engineering. The first design drafts are due in November 2012 and ground breaking is expected in 2014.

Our annual NYSSPE conference is scheduled for June 7-8, 2012 in Saratoga Springs, NY. Join your colleagues for a great networking opportunity, celebrate the incoming leadership and award winner and earn up to 7 PDHs. To view the meeting notice and register click here: <http://www.cvent.com/d/mcq07x>

Next General Membership Meeting

The next general membership meeting will be held on Thursday May 24, 2012 at 6:15pm. at 422 Weaver Ave in Ft.Totten, NY

Admission is \$10 for NSPE members and \$20 for non-members. Students are free.

1 credit

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Generator Set Installation Overview

Understand generator set operation and its related systems. Review common design and installation issues. Part 1 will introduce the participant to proper locations to install generator sets depending on the type of application specified (ex. Level 1 per NFPA 110 systems require a dedicated generator room). In addition, the participants will learn how to provide proper access for servicing the generator set. Air ventilation requirements will be discussed for both unhooded and enclosed generator set installations. The heat system energy balance will also be discussed with the goal of applying best practices to avoid overheating the generator set. Present equations for heat rejection and air flow calculations. Poor installations will be reviewed and issues will be identified.

NYC RULES UPDATE

Proposed Rules Governing the City of New York can be viewed at:
<http://www.nyc.gov/html/nycrules/html/proposed/proposed.shtml>

There is a proposed rule regarding the Board of Standards and Appeals. You can read more about this rule by going to the above website. Please email me your comments.

DEP Stormwater Guidelines

As many of you are aware, DEP's stormwater performance standard was published on January 4, 2012. Additional information can be found [here](#) on DEP's website.

At the same time, DEP published the [Guidelines for the Design and Construction of Stormwater Management Systems](#). These guidelines will be continually updated to reflect any future changes to stormwater rules and the latest technologies and best practices. These guidelines will also include a system calculator to assist developers and licensed professionals in determining space requirements for the most appropriate system when DEP's stormwater performance standard takes effect in July 2012.

Engineering on the Web

<https://secure.flickr.com/photos/shantyminister/sets/72157605324916692/with/2534434027/>
Totten.



PROFESSIONAL DESIGN CENTER OF NEW YORK, INC
422 Weaver Ave
Fort Totten, Bayside, NY 11356

American Institute of Architects

Queens Chapter

NYS Society of Professional Engineers

2012

P D C Lecture Series

2-12

Lecture

Date: Tuesday June 5, 2012
Time: 7:00PM to 9:00PM

At

422 Weaver Ave. Fort Totten, Bayside, Queens

2 Continuing Education Credits

Admission fee is \$40 for AIA & NYSSPE members; \$50 for non-members.

RSVP by 6/1/12

Mail payment to:

Professional Design Center, Attn: George Tavoulaareas,
98 Mulberry Ave Garden City, NY 11530 by 6/1/12.

PRESENTED BY

Alan Price, PE; Director of OTCR, NYC Dept. of Buildings

Gus Sirakis, PE, Director of Engineering

Robert LoPinto, President of the Professional Design Center

THE PROGRAM: **Special Inspections**

Mr. Price will discuss the newly adopted amendment to the rule that covers special inspections. Mr. Price and Mr. Sirakis of the NYC Dept. of Buildings will discuss special inspections and how they are applied in the New York City building code. The new registration requirements, Class 1, 2 and 3 agencies, agency accreditation, insurance requirements, TR-1s, qualifications of engineers/architects/inspectors, will be discussed.

Question and answer period to follow.

Buffet dinner 6:15 pm-7:00pm included

Contact George Tavoulares, PE at 347-387-1649 to RSVP

Dedicated to the advancement of Architecture and Engineering

City of New York
DEPT. OF DESIGN & CONSTRUCTION
Citywide Job Vacancy Notice

Civil Service Title: MECHANICAL ENGINEER	Level: 02	
Title Code No: 20415	Salary: \$67,922.00/\$78,110.00-\$94,363.00	
Office Title: Material Testing/Fabrication Engineer	Work location: 30-30 Thomson Ave L I City Qns	
Division/Work Unit: Safety & Site Support/Quality Assurance	Number of Positions: 1	
Hours/Shift: 35 hrs.		
Job Description		
<p>Under the direction of the Deputy Director or Director, the candidate will supervise overall activities of the Materials Testing & Fabrication Inspection Unit; a group of engineers, technicians and inspectors, ensuring that all materials and products used in DDC capital construction projects conform to DDC specifications and performance requirements. Performs inspections of materials manufacturing and assembly plants nationwide; and coordinates consultant and in-house inspectors performing quality assurance inspections at multiple locations worldwide. Documents inspections and composes comprehensive reports of all aspects of the inspections; including plant operations and final product quality; performs materials inspections and audits. Coordinates inspection requests and assigns consultant and in-house inspectors as necessary.</p>		
Qualification Requirements		
<p>A valid New York State Professional Engineer's License and four years of full-time experience in mechanical engineering. A master's degree in mechanical engineering from an accredited college will be accepted as equivalent to one year of the full-time experience in mechanical engineering.</p> <p>Special Note: In addition to above qualification requirements, to be eligible for placement in Assignment Levels II and III, individuals must have at least one year within the last three years of experience as a major contributor or a project leader on a complex project requiring additional and specific expertise in the disciplines needed to design or construct the project.</p> <p>Valid NYS Driver License is required. NYC Residency is not required.</p>		
Essential Skills		
<p>A valid New York State Professional Engineer's License is required, as well as ten years construction-related experience is required. Certification as Certified Welding Inspector (CWI) with a working knowledge of ASME and AWS Codes; training in Radiographic Testing (RT), Ultrasonic Testing (UT) and current certification as American Concrete Institute(ACI) level I is preferred. Knowledge of ASTM, API, AWWA, ACI and AASHTO standards is preferred.</p>		
To Apply:		
Anilexa Gonzalez - Recruitment Coordinator NYC Department of Design and Construction ATT: JVN # 850-2012-99816 30-30 Thomson Avenue - 4th Floor Long Island City, NY 11101 OR You may Fax your resume to (718) 391-1608 OR You may E-mail your resume as a Microsoft Word attachment to: interrecruitment@ddc.nyc.gov Please send your resume only once; you will receive confirmation of receipt. To find out more about DDC, visit our website at: www.nyc.gov/ddc		
Post Date: 04/11/2012	Post Until: filled	JVN: 850-2012-99816

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<p>Chris Petallides, P.E., N.S.P.E. CONSULTING ENGINEER</p> <p>TEL: 718 961 4342 FAX: 718 321 3929 EMAIL: PetallidesPE@aol.com</p> <p>47-15 Marathon Pkwy. Little Neck Hills, N.Y. 11362</p>	<p>Tel/Fax: (718) 323-0754 Cell: (917) <u>860-6957</u> E-Mail: JAVBINTGRO@AOL.COM</p> <p>130-08 122nd, Street 2nd Fl. South Ozone Park, NY 11420</p> <p>Jose A. Velasquez, P.E. Master of Civil Engineering Master of Economics New York State Licensed Professional Engineer</p> <ul style="list-style-type: none"> • Consultant • Building Inspections • Certificates of Occupancy • Engineering Reports • Permits & Alterations • Structural Design • Legalizations • Removal of Violations
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<p>INTERNATIONAL GEOTECHNICAL/STRUCTURAL LABORATORIES INC.</p> <p> www.internationalgeo.com GEOTECHNICAL & ENVIRONMENTAL TESTING</p> <p>MICHAEL KARANTINIDIS, P.E. STRUCTURAL ENGINEER</p> <p>OFFICE: 31-87 34TH STREET, ASTORIA, NY 11106 TEL: (718) 726-1527 FAX: (718) 956-0274 info@internationalgeo.com</p>	<p>Building Department ASBESTOS INSPECTIONS 53-31 210th Street Bayside, NY 11364</p> <p>John Zurita, PE Asbestos Investigator (917) 292-7263 (718) 428-2467 jjzurita@verizon.net</p> <p></p>

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