

Masonry Design and Construction

March 23, 2012



A one day seminar on the basics and principles of masonry engineering and construction required for the proper design and analysis, appropriate detailing of the components and systems, and forensic evaluation of existing masonry. There will be an emphasis on material properties and behavior, the historical or legacy codes that have led to the current Masonry Standards Joint Committee (MSJC) publication ACI 530-08/ASCE 6-08/TMS 402-08 in the current codes and soon to be the 2011 edition, recent changes to the International Building Code pertaining to masonry, and the special inspection requirements associated with the IBC. The IBC is used for projects outside the city limits of Chicago. There will also be a section on material evaluation and field troubleshooting techniques, check list items for review during ongoing new construction, and the evaluation of cracks and other forms of distress in existing masonry. Masonry of historic buildings will be discussed along with the differences between the mortars of today and years ago with guidance on the restoration of historic masonry.

Design examples will include slender or tall wall construction and shear wall design with ASD and LRFD methodologies, lintel consideration, and better detailing practices.

Forensic evaluation of masonry distress and its implications and repair methodologies will be reviewed through examples.

The presenter, Edward J. Swierz, is a visiting professor at Worcester Polytechnic Institute, Worcester, MA, in the department of Civil and Environmental Engineering, and a practicing consultant in the areas of structural and forensic engineering. He has extensive experience in the design and evaluation of masonry structures for new and existing construction with forensic and litigation support experience.

The seminar will provide 7.5 hours of continuing education credit. Advance reservations are required – please see instructions below. Lunch is included in the seminar cost. If you have questions on the seminar, please contact Elizabeth O'Connor at 312-726-4165 x301.

Registration Form

Masonry Design and Construction

March 23 – 8am-5pm

Available via the Web!

CHECK BOX TO REGISTER FOR THE ONLINE CLASS

MAIL FORM AND PAYMENT TO:

SEAOI
134 N. LaSalle Street, Ste. 1910
Chicago, IL 60602

Or fax your registration form to the SEAOI office at 312.726.4166

Registration Deadline: March 15
Late Registration: March 16-22
Cancellation Fee by March 15: \$50
No Refunds after March 15

Name	E-Mail Address	Daytime Phone
Company Name		Cell Phone
Address		Yes No SEAOI Member?
City / State / Zip		
<input type="checkbox"/> Charge to Credit Card <input type="checkbox"/> Check Enclosed (payable to SEAOI)		
Credit Card Number	Expiration Date	Amount Enclosed
Signature		
<u>Seminar Location:</u>	<u>Seminar Fee:</u>	
UBS Tower – 1 N. Wacker	SEAOI Members:	By March 15 After March 15
2 nd fl. – Superior Room	Non-Members:	\$300 \$375
Chicago, IL 60606		\$400 \$475