NEW ENGLAND CONCRETE MASONRY ASSOCIATION

FREE TRAINING …. and lunch is on us!

What you want! When you want! Where you want!

As part of our mission, the New England Concrete Masonry Association offers a training program to architects and other interested parties at a cost that can't be beat. **All of the courses listed below qualify for American Institute of Architects Health, Safety, and Welfare CES Learning Units.** Through the support of our members *(see reverse for listing)*, we offer session attendees lunch as well. Our talented instructors have worked in the masonry industry for years. They bring a wealth of first hand knowledge from the field to the lectern and can often be counted upon to deliver much more than the syllabus might promise. In addition to the courses listed we can offer tours of block or landscape products production plants through the cooperation of our producer members. If you are interested in scheduling a session, check off the course(s) desired and **fax this form to 508-476-3467.** One of our instructors will contact you to make the necessary arrangements.

☐ **Crack Control in Concrete Masonry Walls**

Cracks in buildings and building materials normally result from restrained movement. In many cases, movement is inevitable and must be accommodated or controlled. Designing for effective crack control requires an understanding of the sources of stress, which may cause cracking.

☐ **Designing Concrete Masonry Walls to Resist Water Penetration**

The major objective in designing dry concrete masonry walls is to keep water from entering or penetrating the wall. Dry concrete masonry walls are obtained when the design and construction addresses the movement of water into, through and out of the wall. This presentation discusses the issues raised in the design and construction process.

☐ **Thermal Performance of Concrete Masonry**

Thermal mass effects are determined primarily by the properties of the construction materials used in the exterior envelope, the climate, building type, and the position of the insulation within the wall. Concrete masonry walls can contribute positively to reducing energy consumption. This presentation will discuss the design and construction issues surrounding the use of concrete masonry in construction.

☐ **Fire Safety with Concrete Masonry Products**

The application of balanced design principles in the construction of buildings, especially multifamily and shelter-related applications, is a key to reducing the threat to property and life safety. This program addresses the concept of balanced design and the role concrete masonry firewalls may play in its successful implementation. The components of balanced design, fire detection, automatic suppression systems, and compartmentalization using non-combustible materials are discussed.

☐ **Segmental Retaining Walls – Construction Processes**

Segmental retaining walls are rapidly becoming a common choice in many types of construction, including at the homeowner level. This program discusses the issues surrounding this option and issues of importance in the construction process.

☐ **Construction Processes of Unit Concrete Pavers**

This session provides guidance on construction procedures for installing interlocking concrete pavements. It addresses the most common applications of interlocking concrete pavements, where the system is installed on a flexible gravel base for pedestrian areas, residential driveways and streets. Proper installation of these products is necessary to ensure safety and durability.

☐ **Unit Concrete Porous Pavements**

Concrete grid pavements were developed as an alternative to runoff and heat producing parking surfaces of asphalt and poured concrete. They were further developed to reduce erosion along lakes, drainage ditches, streams and rivers. This presentation addresses the environmental regulations placed on counties & municipalities with regard to storm water management and how porous pavements can provide an alternative solution and offer environmental benefits.

☐ **Concrete Masonry and Mold**

Currently, there are far more questions than answers surrounding the issue of mold infestation. This presentation will review what is known, what is currently being debated, and how concrete masonry materials can provide one solution to this problem. The key concept is that concrete masonry (like all other non-organic construction materials) does not provide a source of food for mold to feed and grow.

☐ **Sustainable Concrete Masonry and LEED**

Learn how concrete masonry and landscape products can contribute to the earning of points under the LEED program. Created by the U.S. Green Building Council, the Leadership in Energy and Environmental Design program was designed to facilitate positive results for the environment, occupant health and financial return, to define "green" by providing a standard for measurement, and promote whole-building, integrated design processes. Find out how concrete masonry products can contribute positively in the following LEED categories: sustainable sites, energy and atmosphere, recycled content, local manufacturing/extraction, and design innovation.

FIRM:_____

CONTACT: _____ TITLE: _____

BUSINESS ADDRESS: _____

CITY/STATE/ZIP:_____

PHONE:_____ FAX:_____

EMAIL ADDRESS:_____

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