



# Cactus Comments

## CSI PHOENIX NEWSLETTER

January 2011

### January Meeting

**January 13, 2011**

Lunch 11:30am networking/table tops,  
12:00pm to 1:00pm lunch/meeting and program,  
1:00 to 1:30pm table tops

#### ***The Journey Using BIM From Design Through Construction***

Presentation by:

Russ Sanders, AIA, Orcutt Winslow and  
Daniel Russell, Sundt Construction Employee Owner

### **February Education Program**

#### **Let's Get Dirty**

TJ Valdez/21 Tech Company  
Date TBD

#### **CDT /CCS/CCCA Prep Seminar**

February 17, 18 & 19, 2011

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## PUBLICATION DEADLINE

Publication deadline for the February 2011 issue of the Phoenix Chapter Newsletter is January 15th. Articles and items of interest should be submitted to Laurie Pretzman at [Laurie@YourComputerLady.com](mailto:Laurie@YourComputerLady.com)

We welcome member articles, ideas and suggestions.



## Future City Competition Volunteer Judges Needed

Jay Norton, Associate AIA, CSI, SAME, LEED APCSI Phoenix, Future City Coordinator

This coming January CSI will once again be presenting our Excellence in the Use of Building Materials Award at the Arizona Future City Competition. This is the 14th year Arizona has participated in this National Competition open to teams of 7th and 8th Grade students. Our CSI Phoenix Chapter has participated in every one. The schedule for the competition is as follows:

Final Projects will be on Display at the Burton Barr Central Library from Tuesday, January 18th through Friday, January 21st.

Bruce Dimmig will coordinate with the team members as to which day & time is best for the team to meet at the Library and develop their short list of potential winners.

Final Competition is on Saturday, January 22nd at the University Public School Phoenix (the former Phoenix Preparatory Academy) at 735 E. Filmore, Phoenix.

Judges Registration begins at 7:00 am and the team must gather early so they know which team members will visit which Interview rooms at which time.

The teams begin the competition at 8:00 am. Judging is over by Noon and you can either leave or watch the Top 5 Final Competition and the Awards Ceremony in the afternoon.

Our RSAF President traditionally presents our award. We will need at least 3 volunteers for the judging team. Actually 4 or more is best in case someone gets sick (which has happened).

Bruce will be the team's Head Judge. This is a **GREAT EVENT** and it will renew your faith in our youth. If you would like to volunteer please contact Bruce as soon as possible at: [brucedimmig@cox.net](mailto:brucedimmig@cox.net) or 602-525-8343.

## CSI INFORMATION

For more information visit these web sites:

CSI PHOENIX CHAPTER WEB SITE [www.csiphoenix.org](http://www.csiphoenix.org)

CSI NATIONAL WEB SITE: [www.csinet.org](http://www.csinet.org)



## **Raise Your Visibility in the CSI Phoenix Chapter**

### **Help Wanted in the Newsletter and on the Announcements Page of the web site**

- Advertisements for open positions.
- Up to 35 word description of each position including contact information.
- Ad can be run anonymously.
- Runs 30 calendar days.
- Member: Free
- Non-member: \$5 a month

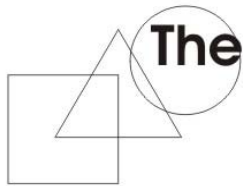
### **Press Releases on Announcement Page (with link from the newsletter)**

- 1-2 page document.
- PDF format.
- Runs 30 calendar days.
- Member: \$5 a month
- Non-Member: \$10 a month

### **Services in the newsletter and on the web site**

- Digital image of business card or ad of similar size in jpg or gif format.
- Size: 250x134 pixels.
- Runs 30 calendar days.
- Member: \$10/month \$25/quarter or \$90/12 months
- Non-member: \$20/month, \$45/quarter or \$180/12 months

Call Pamela Bir at 480-929-0335 with questions or email your information to [Pamela@YourComputerLady.com](mailto:Pamela@YourComputerLady.com) Payment must be made in advance by check or by PayPal from the chapter web site.



# The Reference Library - Phoenix

The Reference Library, 99 E. Virginia Avenue, Suite 140, Phoenix, Arizona 85004-1195  
 602-258-7499 p 602-297-6613 f  
 www.thereferencelibrary.com louise@thereferencelibrary.com jill@thereferencelibrary.com

**Learn about new products no charge & lunch provided from 11:45 - 1:00 pm AIA Members 1 hour credit**  
 location: The Reference Library, 99 E. Virginia Avenue, Suite 140 (1/2 block east of Central)

<p><b>January 05</b>  <b>Soprema, Bobbi Jo Huskey, 480-421-8186</b>                  1 AIA LU, HSW</p> <p>Liquid Products &amp; Applications, The Next Generation in Roofing</p> <p>This seminar covers the advantages of liquid roofing and waterproofing systems and applications and where these products may be used. The program covers the technology behind these systems and their application in today's roofing and waterproofing market.</p>	<p><b>January 12</b>  <b>Hunter Douglas, Tony Evans with Lanton Associates, 602-377-9298</b>                  1 AIA LU, HSW, SD</p> <p>This program will cover the properties and uses of metal ceilings in commercial projects. Metal ceilings offer many plusses regarding indoor air quality, recyclable materials, and acoustical performance in addition to a wide variety of finishes and installation systems. These ceilings are available for both interior and exterior applications and there are a significant number of installations in the Metropolitan Phoenix area.</p>
<p><b>January 19</b>  <b>MechoShade, Kathleen Powers, 480-231-7417</b>                  1 AIA LU, HSW and 0.1 CEU IIDA/ASID</p> <p>An Analysis of Contemporary Shading Solutions                  A review of the design considerations of glazing with solar shades including the relationship between shading coefficient, visible light transmission and comfort Index; Design Considerations including fabric selection, density/openness factors: skylight, sloped, and bottom up shades; shade components &amp; fabrics; review of shades with LEED 2009.</p>	<p><b>January 26</b>  <b>3Form, Mike Glaser</b>                  1 AIA LU, HSW, SD</p> <p>"Capturing Light"                  This is a one hour interactive video presentation that will be both informative and interesting to architects and designers:</p> <ul style="list-style-type: none"> <li>• The basics of effective light design</li> <li>• Effectively lighting translucent resin materials</li> <li>• Overcoming problems that arise when lighting translucent material</li> <li>• Sustainability with regard to:                         <ul style="list-style-type: none"> <li>○ Featured lighting applications</li> <li>○ How resin features and attributes contribute to overall sustainability</li> </ul> </li> </ul>

**PLEASE MAKE RESERVATIONS FOR THE FOLLOWING SEMINARS: Phoenix**

- |   |  |
|---|--|
| <input type="checkbox"/> 01/05 Soprema        | <input type="checkbox"/> Call and remind me at _____ |
| <input type="checkbox"/> 01/12 Hunter Douglas | <input type="checkbox"/> Call and remind me at _____ |
| <input type="checkbox"/> 01/19 MechoShade     | <input type="checkbox"/> Call and remind me at _____ |
| <input type="checkbox"/> 01/26 3Form          | <input type="checkbox"/> Call and remind me at _____ |

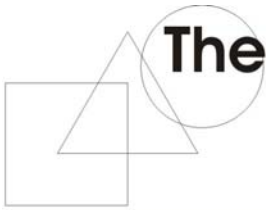
NAME(S) \_\_\_\_\_  
 (limit 3 from one company)

COMPANY \_\_\_\_\_

PHONE \_\_\_\_\_

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Email [jill@thereferencelibrary.com](mailto:jill@thereferencelibrary.com) or [louise@thereferencelibrary.com](mailto:louise@thereferencelibrary.com)



# The Reference Library - Tempe

The Reference Library, 99 E. Virginia Avenue, Suite 140, Phoenix, Arizona 85004-1195

602-258-7499 p 602-297-6613 f

www.thereferencelibrary.com louise@thereferencelibrary.com jill@thereferencelibrary.com

**Learn about new products no charge & breakfast provided from 7:30 - 8:30 am AIA Members 1 hour credit**

location: ASU Karsten Clubhouse | 1125 E. Rio Salado Parkway | Tempe, AZ 85281

<p><b>January 13</b>  <b>The ICF Specialist Company/Build Block, Rick Chalupnik, 602-571-0071</b>                  1 AIA LU</p> <p>The program will cover four learning objectives:</p> <ol style="list-style-type: none"> <li>1. Energy Efficient Design and Energy Tax Provisions</li> <li>2. Sustainability Highlights: energy savings, fire resistant, wind resistance, comfort/quiet</li> <li>3. Code Approvals</li> <li>4. USGBC LEED Points per the ICFA</li> </ol>	<p><b>January 27</b>  <b>Henry Products, Mark Norgaard, 602-253-3191</b>                  1 AIA LU - HSW</p> <p>A comprehensive course on expanded polystyrene (EPS) geofoam and its uses in the construction industry. The physical characteristics and the performance benefits of EPS Geofoam are explained along with why it is an excellent material for applications where a lightweight material is required to reduce stresses on underlying soils or lateral pressures on walls and foundations. We will also touch on benefits of termite resistant EPS.</p>
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**PLEASE MAKE RESERVATIONS FOR THE FOLLOWING SEMINARS:**

**Tempe**

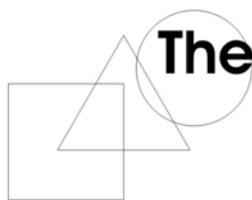
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| <input type="radio"/> 01/13 ICF Specialist | <input type="radio"/> Call and remind me at _____ |
| <input type="radio"/> 01/27 Henry Products | <input type="radio"/> Call and remind me at _____ |

NAME(S) \_\_\_\_\_  
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Email [jill@thereferencelibrary.com](mailto:jill@thereferencelibrary.com) or [louise@thereferencelibrary.com](mailto:louise@thereferencelibrary.com)



# The Reference Library - Scottsdale

The Reference Library, 99 E. Virginia Avenue, Suite 140, Phoenix, Arizona 85004-1195  
 602-258-7499 p 602-297-6613 f  
 www.thereferencelibrary.com louise@thereferencelibrary.com jill@thereferencelibrary.com

**Learn about new products no charge & lunch provided from 11:45 - 1:00 pm AIA Members 1 hour credit**

location: Fox Sports Grille, 16203 N. Scottsdale Road, Scottsdale, AZ 85254

January 20  
 Rulon, Douglas Wright, 480-789-9193  
 1 AIA LU, 0.1 CEU by self submit

## Suspended Wood Ceilings & Acoustical Wood Walls

Have you thought about using wood for a decorative finish? With new technology available creative designs are encouraged. Learn about wood species, colors, suspension methods, specifications sections, acoustical performances, seismic zones, material savings, and much more.

### PLEASE MAKE RESERVATIONS FOR THE FOLLOWING SEMINARS:

**Scottsdale**

01/20 Rulon

Call and remind me at \_\_\_\_\_

NAME(S) \_\_\_\_\_  
 (limit 3 from one company)

COMPANY \_\_\_\_\_

PHONE \_\_\_\_\_

**RSVP TO THE REFERENCE LIBRARY** – Fax 602-297-6613 Phone 602-258-7499

Email [jill@thereferencelibrary.com](mailto:jill@thereferencelibrary.com) or [louise@thereferencelibrary.com](mailto:louise@thereferencelibrary.com)



**PHOENIX CHAPTER**  
The Construction Specifications Institute

## CSI Phoenix Chapter Meeting Table Tops

**Location: Radisson Hotel Phoenix City Center**  
3600 North Second Ave.  
Phoenix, AZ 85013

### Dates:

- January 13, 2011 Lunch
- February 10, 2011 Lunch
- March 10, 2011 Dinner
- April 14, 2011 Lunch
- May 12, 2011 Lunch
- June 2011 CSI Awards Banquet – No table tops

### Times and information:

Dinner 4:40pm table top set up, 5:30pm networking/table tops,  
6:30 to 8:00pm dinner/meeting and program, table tops again at 8:00pm to 8:30pm.  
Tear down is 8:30pm to 9:00pm.  
Lunch 10:30am table top set up, 11:30am networking/table tops,  
12:00pm to 1:00pm lunch/meeting and program, table tops again at 1:00 to 1:30pm.  
Tear down is 1:30pm to 2:00pm.

Each table top will be draped and is 6' long.

If you need power for your display let us know, a power strip can be provided at no additional cost.

### Cost:

CSI Member: \$55.00. Non-CSI Member: \$75.00. Price is for one (1) draped table.

Price above includes one lunch or dinner for non-CSI member guest.

Additional meals for non-CSI members are \$25.00 for lunch and \$35.00 for dinner.

If you need more than one (1) table let us know.

### Sign up:

Sign up first for availability before payment.

See separate sign up form, E-mail to [don\\_stone@irco.com](mailto:don_stone@irco.com)

For questions call Don Stone, AHC, CSI (602)538-7839

### Payment:

By Credit card click here [www.csiphoenix.org](http://www.csiphoenix.org) click on shopping and then payment

Under description enter Table Top, enter all information required.

By Check bring to the meeting.



# CSI Phoenix Chapter Meeting Table Top Registration Form

NAME: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

PRODUCT BRAND NAMES OR SERVICES YOU WILL BE DISPLAYING  
\_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

PHONE NUMBER: Office \_\_\_\_\_ Cell phone \_\_\_\_\_

NUMBER OF TABLE TOPS: \_\_\_\_\_ POWER REQUIRED \_\_\_\_\_

PAYMENT: \$55.00 for CSI member \$75.00 for non-CSI member

Note: Price includes lunch or dinner for one non-CSI member.

Payment type: Credit Card \_\_\_ Pay on Line (see below)

Check \_\_\_ (bring to meeting)

Sign up first for availability before payment:

By Credit card go to [www.csiphoenix.org](http://www.csiphoenix.org) click on shopping and then payment.

Under description enter Table Top, enter all information required.

SELECT DATE: \_\_\_\_\_ (See dates below)

- January 13, 2011 Lunch
- February 10, 2011 Lunch
- March 10, 2011 Dinner
- April 14, 2011 Lunch
- May 12, 2011 Lunch
- June 2011 CSI Awards Banquet – No table tops

Dinner: 4:40pm table top set up, 5:30pm networking/table tops,  
6:30 to 8:00pm dinner/meeting and program, table tops again at 8:00pm to 8:30pm.  
Tear down is 8:30pm to 9:00pm.

Lunch: 10:30am table top set up, 11:30am networking/table tops,  
12:00pm to 1:00pm lunch/meeting and program, 1:00pm to 1:30pm table tops again  
Tear down is 1:30pm to 2:00pm.

Fax completed form to Don Stone, AHC, CSI at 623-974-5432.

Or scan and E-mail completed form to Don Stone [don\\_stone@irco.com](mailto:don_stone@irco.com)

For questions contact Don Stone (602)538-7839.



## CSI Phoenix Chapter Meeting Programs

**Location:** Radisson Hotel Phoenix City Center  
3600 North Second Ave.  
Phoenix, AZ 85013

**Schedule:** 11:30 am Networking/Table Tops  
12:00 pm Lunch/Meeting  
1:00 pm Table Tops

### **January 13, 2011— The Journey using BIM from Design through Construction**

Presentation by: Russ Sanders, AIA, Orcutt Winslow and  
Daniel Russell, Sundt Construction Employee Owner

### **February 10, 2011 Imagination Cube 2010 and Future Cities**

Winning Team Demonstrations

### **March 10, 2011 Dinner - Scottsdale Appaloosa Library; Effective Sustainable Products**

Presentation by: Douglas Sydnor, AIA, Douglas Sydnor Architect

5:30pm Networking/ Table Tops, 6:30 to 8:00pm Dinner/Meeting and Program, Table  
Tops 8:00pm to 8:30pm.

### **April 14, 2011 Lunch 11:30am— New Technologies in Access Control – Making the Right Decision**

Presentation by: Derek Hileman, Ingersoll Rand Security Technologies

### **May 12, 2011— Design Innovation**

Presentation by: Jack DeBartolo, 3, AIA, DeBartolo Architects and  
Eric Huffman, DeBartolo Architects

**June 2011 CSI Awards Banquet** (Date and location to be announced) – Notabletops



## CSI Phoenix Chapter Education Programs

### ➤ February 2011

Let's Get Dirty- TJ Valdez/21 Tech Company  
Date TBD

February 17<sup>th</sup>-19<sup>th</sup>, 21<sup>st</sup>-23<sup>rd</sup> : CDT /CCS/CCCA Prep Seminar  
Place TBD  
Cost TBD

### ➤ March 2011

Pitfalls of Sustainable Design Seminar  
Date TBD  
Place TBD

### ➤ April 2011

April 8<sup>th</sup> or 9<sup>th</sup>- Pella Let's Get Dirty

### ➤ May 2011

TBD

### ➤ June 2011

Product Rep Academy- June 10th  
Location/cost TBD

#### For more information contact:

Jill Anderson, CSI  
The Reference Library, LLC  
602.258-7499- Voice  
602.297-6613 - Fax

- OR -

Jolene Jones, CSI  
Twenty-One Tech  
602 568-2792

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### Education Committee Update

By Jill Anderson, The Reference Library and  
Jolene Jones, The Twenty One Tech Company - co chairs

If you are interested in joining the CSI Education Committee for Phoenix, please contact Jolene Jones at [jjones@twenty1tec.com](mailto:jjones@twenty1tec.com) or Jill Anderson at [jill@thereferencelibrary.com](mailto:jill@thereferencelibrary.com). The Education Committee is responsible for organizing and setting up seminars and demos for current construction and design "hot" topics.

## One More Time

by Sheldon Wolfe

Last year, our annual election ballot included a proposed bylaws amendment that would have combined the professional, industry, and associate membership classifications into a single group. Although the amendment received over sixty percent of the votes, it fell short of the required two-thirds majority required to pass. The Los Angeles chapter brought the issue before the members at the annual meeting in Philadelphia, where eighty percent of the members voted in favor of again putting membership reclassification before the members, as an amendment proposal on the 2011 ballot.

Readers of this column may recall that last year I questioned the need for changing to a single class of voting members. I still feel the same as I did then about some of the issues, but in the last couple of months I learned a few things that led me to the conclusion that the time for a single class of voting members is long overdue.

When the suggestion to change to a single group of voting members was made a year ago, one of the most common complaints was that some members or potential members were or might be offended by the use of the word "professional", believing it could be seen as a reference to the manner in which members acted, or as a suggestion that some members are better than others.

This was somewhat surprising to me, as we work in an industry that relies on the correct use and interpretation of definitions. If you were to ask random people to name a few professions, it's likely they would say doctor, dentist, attorney, teacher, and perhaps architect or engineer. These are occupations that commonly are referred to as professions; they have in common a requirement for several years of formal education, and, usually, government control of the practice. It is highly *unlikely* that the same question would elicit contractor, mason, or salesperson as a response.

One of the examples given in support of that argument was that teachers or professors felt slighted because, as just noted, they generally are considered professionals. But, just as anyone can have a profession in the general sense, or behave in a professional manner, so, too, can anyone profess to know a great deal about any given subject - and those same professors would probably object to a master mason claiming to be a professor. Given the derivation of the term *professional*, and the clear way in which it is used, I don't accept the political correctness argument that we should change the name simply to avoid the possibility that someone might be offended.

### **A bit of background**

So what changed my mind? What led me to decide that it's worth changing to a single class of voting members?

At first glance, it might appear that all voting members (associate, industry, and professional) have equal status; all are allowed to vote, and all are allowed to hold any office. There are, however, a few bylaws requirements that remain from our distant past, when CSI was, in essence, an organization of design professionals.

Since I became a member in 1987, I have accepted as fact that all voting members *are* equal, and, as we often do, I imagined that was the way it's been, if not forever, at least for a long time. And why not? As long as I can remember, CSI has claimed everyone in the construction industry - "Architects, specifiers, contractors, engineers, building owners, facility managers, attorneys, academics, product suppliers, construction software vendors..." - as potential members. Unlike AIA, AGC, and many other organizations, full rights and privileges are not limited to one type of member. Well, almost.



One More Time—cont.

In the beginning, there were only specifiers. In 1948, CSI was formed as an organization for architects and engineers; in other words, for members of the design professions. The bylaws allowed others to join, but those who were not professional members could not vote or hold office. Over the years, as membership grew, the number of members who were not architects or engineers increased. Along the way, the names of member groups changed, so for convenience I'll use the ones we have today, - associate, industry, and professional - and I'll include associate members with industry members. A few of the dates that follow are best guesses based on available information, but most are correct, and at worst a couple are within a year or two.

As the number of industry members grew, so did their influence, and so did their desire for full participation in CSI. Old bylaws not only limited the rights of industry members, but treated them as second-class citizens. If a professional member changed jobs, and no longer qualified for professional membership, the change to industry member was immediate. In contrast, an industry member who changed jobs and became eligible for professional membership had to wait for approval from the Institute Board.

The DC Metropolitan Chapter's history speaks about their 1959 Winter Holiday Program, which was called "Associates Night". The remarkable thing was that nine industry members were allowed ten minutes each to present their products to the professional members - something that was not permitted at chapter meetings. (But I'll bet they were allowed to pay the bar tab!)

It wasn't until 1963 that industry members were represented on the Institute Board, and then only as directors. The first time an industry member was allowed to serve as an Institute officer was 1964, and then only as treasurer. Industry members were allowed to vote, but only for industry directors.

At some time in the 1960s, industry members were allowed to serve on chapter boards, but they could not serve as chapter president. In 1966, industry members became eligible for Fellowship. In the first year they were eligible, five of the eleven Fellows were industry members. Not a bad showing for second-class citizens!

In 1975, nearly thirty years after CSI was formed, Industry members were given the right to vote, and the office of Industry Vice President was added to the Institute Board. Industry members were at last allowed to serve as chapter presidents - but only after review and acceptance by two-thirds of the chapter's board of directors. You just can't trust a salesman!

In 1986, industry members were made eligible to serve as Institute president, and in 1989, CSI elected its first industry member president.

Last year wasn't the first time that an attempt was made to grant industry members full rights; the records I have indicate that changing to a single member category - thereby giving industry members complete equality with professional members - was considered in 1974 and 2002, and other information suggested that it also may have been considered in other years.

One More Time—cont.

## **We're not done yet!**

What we have, then, is a long, slow, and painful journey, gradually removing obstacles to industry participation at various levels of the organization. Even though industry members now are allowed full participation, our bylaws continue to imply that some voting members are better than others.

- To charter a chapter, fifteen members are required, twelve of whom must be professional members, and to maintain a chapter, it must have at least eight professional members. I suspect a chapter that had no professional members might not be as effective as one with similar numbers of industry and professional members, but if they can make it work, why would we stop them?
- To have a quorum at the annual meeting, a majority of the members present must be professional members. If we have 300 industry members at an annual meeting, and only 299 professional members, does that really mean that we don't have enough qualified people to do business?

The bottom line is that industry members remain second-class members. The favoritism is subtle, and most members probably are not aware that it exists. While preferential treatment may have made sense sixty years ago, CSI has changed since then, and it no longer has a place in our organization. It must be especially galling to the many industry members we continually call on to finance all of our activities.

We have been talking about member equality for more than forty years; it's time to make it reality. Separate but *not quite* equal just doesn't work. When you get your ballot in February, vote in favor of equality.

## **CSI National Awards**

**PROJECT DOCUMENTATION:** This category is open to written project documentation documents including for project conception documents, project delivery documents, design documents, or construction documents and may be submitted in nomination of an individual, a project team, or organization.

**PRODUCT DOCUMENTATION:** This category is open to the different forms of construction product information. Product information may be submitted in nomination of a manufacturer or organization.

**INNOVATION AWARD:** This category is open to different forms of construction documentation and processes for presenting construction related information in a logical and organized method for which there is no established method or a modification to an established CSI standard that improves the presentation method, processes or allows for a response to a special project need. Innovative work may be submitted in nomination of an individual, a project team, organization, or manufacturer. Written innovation document award nominations may be submitted for any innovative construction documentation, work effort or process that have been developed and applied successfully to a project(s).

Deadline for this award is to be received by January 15th, at 5:00 PM Eastern time.

For more information contact:

Carlos A Murrieta, AIA

[cmurrieta@spsplusarchitects.com](mailto:cmurrieta@spsplusarchitects.com)

(480) 991-0800

# The Construction Specifications Institute

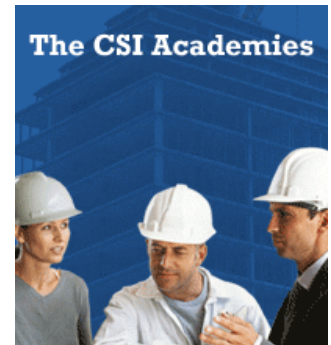


## **CSI ACADEMIES**

February 24-26, 2011, Dallas, TX

See where you fit into the construction community!

Comprised of three rigorous educational tracks on Construction Specifications, Contract Administration, and Product Representation, the CSI Academies is the only forum in the industry that connects construction professionals for the opportunity to have open and frank discussions about project delivery and the latest technological advances in specifications, contract administration, and product representation.



**Product Representation Academy:** Become a skilled product representative, who knows how to get into the spec, and how to stay there.

Sessions include:

- The Substitution Game
- How Understanding Div. 1 and General Conditions Keeps the Product Representative out of Trouble
- What Do Owners Want and Need From Us?
- What's So Important About That Spec Section? How to Read It and Understand What You Need To Provide
- Warranties - Misunderstood and Now your Problem
- Don't Green Wash your Company into the Penalty Box
- Trade Shows Don't Die Unless You Kill Them
- What Do You Mean I'm Liable?
- Bid Shopping - What is it and How do you Need to Protect your Products
- How to Get Specified -The Proper Feeding and Care of a Specifier

Attend sessions from one academy, or choose the sessions in each track that interest you. See the Schedule at a Glance. For a complete session listing and descriptions visit [www.csinet.org/academies](http://www.csinet.org/academies)

**Register by January 11, 2011 and Save!** Price until Jan. 11: CSI Member \$510 (Non-Member \$610) Price after Jan. 11: CSI Member \$625 (Non-Member \$725)

## **EPA Lead Paint Rule Takes Effect**

Tim Garver, CSI, CDT, LEED AP

As of April 22, 2010, EPA's new "Lead-safe Renovation, Repair and Painting" rule (LRRP rule) requires that any painting contractor or worker who disturbs more than a minimum amount of

painted surface area in a home, school, or childcare center built before 1978 must be certified by an EPA-approved trainer and use lead-safe work practices on the job. The LRRP rule is intended to reduce exposures to lead-based paint chips and dust, especially among children under six and women of childbearing age. Although lead-based paint has been banned by federal regulation since 1978, old lead-based paint is still a source of lead poisoning in children and infants.

Contracting firms must register with EPA and pay a fee for certification, renewable every five years. Individual workers can become certified by taking eight hours of training, two hours of which must be hands-on training in lead-safe work practices. Worker certification is also good for five years. EPA has approved more than 200 training providers, over 100 of which are accredited to provide training in multiple states. Training fees are set by individual providers. More information on the LRRP rule and its certification requirements is available online at EPA's website:

<http://www.epa.gov/lead/pubs/renovation.htm>

California has a similar, but completely separate, program that requires contractor training and certification to do lead-related construction or renovation work. Contractors must comply with requirements of both programs. Information on the state program can be found at the website of the California Department of Public Health:

<http://www.cdph.ca.gov/programs/CLPPB/Pages/LRCNav.aspx>

Shortly after EPA's LRRP rule became effective, several construction industry associations

registered protest, requesting a delay in enforcing the rule because not enough contracting firms and workers had been certified as yet. Although as many as 250,000 contracting firms are affected by the rule, EPA estimated that only about 125,000 had been certified by the April 22 deadline. Opponents took their complaint to Congress, where legislation was proposed to suspend the rule for one year. When that bill failed to move, an appropriations bill was amended to postpone enforcement of the LRRP rule for six months. Legislative efforts were dropped, however, when EPA announced on June 18 that it would voluntarily refrain from enforcing the LRRP rule's firm certification requirement until October 1, 2010. Also, no action would be taken against any individual worker so long as the person has enrolled in an approved training program by September 30 and completed training by December 31, 2010. The lead-safe work practice requirements of the rule will be enforced, however, in the interest of public health and safety. Contracting firms and individual workers are urged to come into full compliance with the LRRP rule as soon as possible.

Despite the concession on enforcement, EPA is already taking steps to make the LRRP rule

broader in scope and more stringent. A recent notice published in the Federal Register expressed

EPA's "intention to regulate the renovation, repair, and painting of public and commercial buildings" in addition to homes, schools, and childcare centers built before 1978. This follows EPA's earlier action to eliminate the "opt out" provision of the LRRP rule. This provision exempts a contractor from the training and work practice requirements of the rule where the contractor obtains a signed statement from the owner-occupant of a private residence.

## EPA Lead Paint Rule Takes Effect—cont.

certifying that no child under the age of six, nor any pregnant woman, resides in the home. The “opt out” provision of the rule had been challenged by childhood lead poisoning advocates who claimed that it denies protection to older children, and that exempted homes may later be occupied by families with young children. In defense of the provision, the U.S. Small Business Administration determined that eliminating the “opt out” would increase costs to regulated businesses up to \$1.3 billion from \$800 million in the first year alone – without any clear benefits. Nonetheless, as part of a settlement agreement, EPA rescinded the provision, effective July 6, 2010.

## **Designing with Concrete Masonry and Hardscape Products**

by Bruce D. Dimmig

The Construction Specifier magazine wanted an article that fit in with their theme for the November 2010 issue, which was Green. Included in this green theme were masonry and exterior improvements. As the NCMA (National Concrete Masonry Association) occasionally provides articles for the magazine, they were looking for someone to author an article that featured the green aspects of masonry and its versatile role in exterior improvements. Through the efforts of our own chapter member, Canan D’Avela, I was contacted by the NCMA to write the article for this issue.

The article highlights the green and sustainable aspects of Masonry as well as showcasing how it applies to exterior improvements. These exterior improvements include: segmental retaining walls (SRWs), articulated concrete block (ACBs), standard masonry units and pavers. The green and sustainable aspects are shown by detailing how Masonry can benefit the attaining of LEED credits for Sustainable Sites (Pre-requisite 1, C2, C5.1, C5.2, C6.1, C6.2 & C7.1 and for the Materials and Resources category (C1, C2, C3, C4 & C5). The Materials and Resources category shows that Masonry contributes to the aforementioned credits through describing the manufacturing process, their use in construction and how the material can be recycled after the expected useful life of the project.

The piece also emphasizes the energy efficiency of Masonry and how it can contribute to meeting the Energy and Atmosphere credits. The energy saving aspects are shown through delineating how the products can be manufactured more efficiently and lessen the impact on the environment. In addition, the insulating and construction benefits to energy conservation are described as well as noting how these factors relate to the codes and standards. As this is included in the CSI magazine, there is discussion on how this is accomplished through the specifications.

The article has been published and is available in both hardcopy and electronic media. Due to copyright and space considerations, the full article, which starts on Page 30, can be read at this link to the publisher’s site (Kenilworth Media, Inc.):

<http://www.kenilworth.com/publications/cs/de/201011/pageflip.html>



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## *Happy Holidays from CSI Phoenix Chapter*

Special thanks for making our Holiday Party on December 9th a success, to the following for prize donations for our party games:

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