



12:00 PM [Welcome, Credits, and Certificates](#)

12:05 PM **Pressureless Treated Lumber: Wood Made Safer, Locally**

Specifiers seek the ideal treated-wood product for structural lumber. Until recently, pressure-treated wood has been the popular choice for decades.

Pressure-treated wood previously used chromated copper arsenate (CCA) until 2004 when the EPA outlawed the formulation due to health-risk concerns. Today's pressure-treated wood uses alkaline copper quat (ACQ) or copper azole (CA). Even though these formulas are safer, pressure-treated wood is still not ideal. It comes with a warning to never burn and to wear protection when handling. It should never be used for indoor applications.

This course introduces the next advancement in treated wood that's closer to ideal. We'll explain this pressure-less process, treated locally, that results in a non-toxic, safer lumber with no degradation in strength. We'll review third-party testing proving resistance to mold, rot, decay, and termites. We'll outline other benefits including the Class A fire-rating and contributions to green-building.

Matt Visconti

Chemical Technologies Holding, Inc Provider #: 10091600
AIA #:Chemtech27 HSW | GBCI (USGBC/CAGBC) #:920030338

01:05 PM [Review of Session Code Process](#)

01:10 PM **Managing Airborne Pathogens with Air Curtains**

Air curtains create a controlled stream of air across a door or window opening, providing significant energy savings to building owners and helping to maintain interior building temperatures. In addition, some have optional features that can clean and sanitize the air near the opening. This course examines additional features that some models offer in the form of airborne pathogen and virus control and irradiation to help manage the virus level and the disbursement of untreated air near the opening. This course examines how air curtains can reduce airborne pathogens and viruses and improve the indoor air quality near the opening and the various technologies to eradicate and/or collect pathogens, how and when to operate air curtains operate and properly identify applications to maximize the disinfection of the air near the opening.

Naga Thiyagarajan

Mars Air Systems Provider #: 10009399
AIA #:MA002HSW HSW | GBCI (USGBC/CAGBC) #:920029474

02:10 PM [Break](#)

02:30 PM

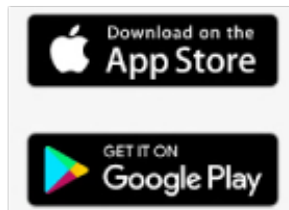
How Living Walls Can Improve Build Performance

This presentation will include an industry overview of the interior and exterior living wall market while providing in depth analysis on how living wall biofilters can act as a biological air filtration system in order to reduce the amount of required air changes in a building. This presentation will also touch on how living walls can help contribute to LEED and WELL certifications.

Sean Ludchen
New Earth Solutions Provider #:
AIA #:NewEarLivWalls HSW

03:30 PM

End



AIA
Continuing
Education
Provider