



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Indoor Air Quality and Healthy Hygienic Space -  
North America  
Wednesday, March 29, 2023



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

12:05 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.

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

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

01:10 PM **Understanding Hazard, Exposure and Risk in the Built Environment**

This course will review the limitations of employing a hazard-only materials selection decision-making process and describe how to evaluate materials and ingredients based on multiple attributes. The course includes an overview of the various tools, guidance and considerations available to help builders, architects and designers weigh options and understand the impacts and trade-offs associated with materials selection decisions.

Jack Armstrong  
American Chemistry Council (ACC) Provider #: 50111254  
AIA #:ACC301-0921 HSW | GBCI (USGBC/CAGBC) #:920019969

02:10 PM [Break](#)

02:20 PM [Sponsor: QWEB \(Quebec Wood Export Bureau\) - Eli Gould](#)

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

02:30 PM

### **Vinyl in Design: The Material for 21st Century Building & Construction**

Vinyl is the most widely used plastic in building and construction. For modern buildings and infrastructure, the life-cycle multi-attributes solutions blend sustainability, wellness and resilience for people and their communities.

Jack Armstrong

Vinyl Institute Provider #: K012

AIA #:VID323 HSW | GBCI (USGBC/CAGBC) #:920027501

03:30 PM

### **Working Through the Mechanical Ventilation Section in the 2018 IRC**

Review the IRC 2018 mechanical ventilation code requirements as prescribed in section M1505 and determine the calculation method for the required CFM rates.

Szabi Fekete

Zehnder America Provider #: 40107220

AIA #:Zen08231.5 HSW | GBCI (USGBC/CAGBC) #:

05:00 PM

End



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