

Title:

Humidity Control for Commercial Buildings

Course Description:

This presentation will cover the basic principles needed for designing, applying and/or maintaining HVAC systems in buildings in order to achieve *absolute* humidity control within the space. The goal of this presentation is to teach a basic understanding of psychrometrics, proper use of ASHRAE's published climatic design data, and a general applications knowledge of various dehumidification technologies and their operating procedures.

Anticipated Outcome:

The desired outcome of this presentation would be to equip the design, installation and maintenance professionals with the knowledge and tools necessary to better design and operate HVAC systems, thereby alleviating IAQ, mold/mildew and comfort-related issues (i.e., IEQ).



Mark Nunnelly is a mechanical engineering graduate of Auburn University, is a registered professional engineer and a Certified Commissioning Authority. He has been involved in the construction, engineering and HVAC industry for over 39 years. Since founding Nunnelly & Associates, Inc. in 2000, his involvement with projects has primarily pertained to humidity control consulting, Commissioning, Retro-commissioning and energy management for commercial, institutional and industrial buildings.

He has presented numerous training seminars on Dehumidification Technologies (desiccant and mechanical-based) and their proper applications, Psychrometrics and Designing for Proper Humidity Control.

He has been a member of ASHRAE for over 35 years, where he has actively served on the local, regional and society levels. For over 17 years, Mark was recognized as one of ASHRAE's Distinguished Lecturers and has conducted training seminars domestically and internationally.