

## Classes

- **September 20:** Warehouse Ventilation Strategies and Design Considerations
- **September 27:** COVID Mitigation Strategies Utilizing HVAC Systems
- **September 28:** Proper Application and Specification of Ceiling Radiation Dampers and Ceiling Radiation Damper- Ceiling Exhaust Fan Combinations

### **Warehouse Ventilation Strategies and Design Considerations**

This course is intended to familiarize participants with typical heating and ventilation systems in warehouse applications. Topics include summer ventilation strategies, space heating systems, benefits of high volume, low speed (HVLS) fans for air circulation and life safety design considerations.

### **COVID Mitigation Strategies Utilizing HVAC Systems**

This course examines the role of HVAC equipment and systems in mitigating the risk of air borne viruses such as COVID-19. Fundamental technology such as outdoor air, ventilation, humidification, and filtration are reviewed along with additive technologies such as electronic air cleaning devices. A case study of the re-opening of a commercial building with a focus on HVAC systems is presented.

### **Proper Application and Specification of Ceiling Radiation Dampers and Ceiling Radiation Damper-Ceiling Exhaust Fan Combinations**

An overview of the purpose of ceiling radiation dampers commonly utilized in commercial construction. This course discusses relevant test standards and third-party certification, including applications and design assemblies for ceiling radiation dampers. The application and proper specification of ceiling radiation dampers in conjunction with bathroom exhaust and ceiling exhaust fans is also explored.