2019 Southern California chapter of the Fire Protection Engineers (SFPE) Training
March 2020 (Friday March 13th)

Curriculum Outline

- Fire and Smoke Damper Testing and Acceptance
- Smoke Control Systems Testing and Acceptance
- NFPA Fire & Life Safety Ecosystem

Duration: 3 Hours, 30 Minutes
Time: 11am – 2:30pm
Location: Sheet Metal Workers Southern California Training Center
633 Baldwin Park Blvd, City of Industry, CA 91746
Cost per Individual: $0
Host: Labor Management Cooperative Trust (LMCT)

Presentation Sheet Metal Training Center

- Introduction – Will Scott (Local 105) & Lance Clark (Southern CA Training Center) (5 Minutes)
- SFPE – Chapter Business (10 Minutes)
- Fire Smoke Dampers - Pottorff (20 Minutes)
- Sheet Metal Workers perspective on Fire Smoke Dampers and Smoke Control Systems – Christopher Ruch (NEMI) (25 minutes)
• What we find in the field.
• Current maintenance requirements
  o Mark Chase – Los Angeles Fire Department, Fire Inspector II & Mike Mclay – Los Angeles Department of Building and Safety (10 Minutes)
  o FLS Curriculum – David Garcia (Southern CA Training Center) (15 Minutes)

Lunch (30 Minutes)

Skilled Trained Workforce Demonstrations (1 hour, 35 Minutes)
  o Attendees will be divided into four groups in the training facility with demonstrations of a skilled trained work force by apprentices, journeypersons, contractors and instructors. Description and demonstration of how work force standards are key to the Fire Life Safety Ecosystem.
  20 minutes each with 5-minute travel.

Station 1 - Smoke Control System Mock-Up – Ventilation System
  • Demonstration and discussion of an active HVAC system during an event.

Station 2 - Smoke Control Systems Mock-Up - Stairway
  • Demonstration and discussion of the importance of correct stairway pressurization.

Station 3 - Fire Smoke Damper Mock-Up - Fire Smoke Damper Inspections
  • Demonstration and discussion of FSD installation and inspection.

Station 4 - SMACNA Contractor Presentation
  • Discussion of SMACNA relevant standards
  • Discussion of how contractors can assist in ensuring the design meets intent through proper installation and communication.