

SMART Local 19 FLS Presentation – Speaker Notes

April 23rd, 2026

Slide 1 – Introduction

- Phil Montuori, Northeast Field Representative for NEMI
- Background in TAB, fabrication, and installation
- Real-world system issues observed:
 - Systems not matching drawings
 - Lack of damper access
 - Dampers passing inspection without being operational
- Involved in NFPA 80 and 105

Slide 2 – Presentation Purpose

- Overview of FLS market evolution
- Certification pathways: FSD, SCS, TABB
- Jurisdiction requirements: Delaware, New Jersey, Philadelphia
- Goal: clarity on requirements and market direction

Slide 3 – NEMI

- Nonprofit supporting contractors, labor, and government



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- Focus: safety, IAQ, TABB, FLS, energy efficiency

- Activities: standards, certifications, training

- Helps navigate legislation and requirements

Slide 4 – Why FLS Matters

- Life safety, not just compliance

- Failure impacts smoke movement and egress

- Tied to NFPA 80, 92, 105

- Certification is increasingly required

Slide 5 – Scope of Work

- Dampers, smoke control, stair pressurization

- Interconnected systems

- Performance depends on verification

Slide 6 – Certification Ecosystem

- FSD, SCS, TABB certifications

- ISO/IEC 17024 aligned

- Defines competency and qualifications

Slide 7 – Delaware

- Prescriptive requirements



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- Visual inspections required

- Defined testing schedules

- Certificate of Operation required

Slide 8 – New Jersey

- Focus on contractor qualifications

- Requires certified contractors and personnel

- Must be registered in NJ

Slide 9 – Comparison

- Delaware: how

- New Jersey: who

- Philadelphia: documentation

- Trend: more accountability

Slide 10 – Contractor Certification

- Register, verify, add personnel, submit references

- Requires certified workforce

Slide 11 – Tech / Supervisor Certification

- Register, test, maintain certification

- Provides clarity and confidence



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Slide 12 – TABB Supervisor Training

- NEMI training opportunities
- Supervisor courses and CEUs

Slide 13 – Test Forms

- Standardized documentation
- Protects contractor and owner
- Final deliverable

Slide 14 – Research

- University of Maryland study
- High failure rates
- Need for verification

Slide 15 – Real World Findings

- Common issues: access, maintenance
- Importance of inspections

Slide 16 – Collaboration

- Multi-discipline coordination
- Stay within scope

Slide 17 – Contractor Perspective

- Real-world insights
- Certification importance

Slide 18, 19, & 20 – Wrap Up

- Get certified, stay certified
- Resources available