

# FIRE PROTECTION SYSTEM PERMITTING AND COMBUSTIBILITY TESTING

**WHEN:** Tuesday February 21, 2017  
starting at 5:00PM  
with a tour of the fire lab

**WHERE:** WPI Gateway Park  
50 Prescott Street  
Worcester, MA 01609

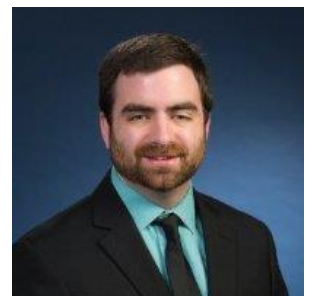
**COST:** Free



All buildings require some degree of fire protection systems, and obtaining the permit to install those systems requires approval by the Authority Having Jurisdiction, but did you know that in Massachusetts, local fire departments are empowered to require the Owner to retain the services of a 3<sup>rd</sup> party plans examiner for the review of permit documents, submittals, witnessing of tests and assistance with inspections? Maurice Pilette is a licensed FPE who's provided such consultant services to fire departments throughout the State through his company Mechanical Designs Ltd. In addition to being a member of nearly every fire protection professional organization out there, Maurice has sat on several Boards which authored code text for NFPA 4, 5, 13 and 14. He's a licensed sprinkler contractor, a certified Building Official, a teacher at Northeastern, a fire systems commission agent, and an expert witness. He's chaired the State Fire Safety Commission, State Building Code Appeals Board, State Bureau of Sprinkler Contractors and the Fire Marshals designee to the Building Code Board.



This month's program will be held at WPI's Fire Protection Engineering building at the Gateway Park Campus, home to one of the premiere FPE programs in the nation. The building includes a unique "fire lab" where construction materials and other assemblies can be burned to determine combustibility, evaluate smoke evacuation designs, and where the behavior of fire can be controlled and studied. Ray Ranellone, WPI's FPE Laboratory Director will start the evening off with a quick tour and demonstration of the fire lab and its capabilities. In addition to being the lab director, Ray is an active firefighter/EMT in Brookfield, and a former research engineer and assistant with a Master's Degree in Fire Protection Engineering and Bachelor's Degree in Mechanical Engineering.



The program is approved by the AIA for 1 HSW continuing education credit. After participating in this program, attendees will be able to:

1. Know how scientific testing for combustibility and system performance, can inform design decisions.
2. Prepare a fire protection permit application, including the FP Narrative, Tier I, II and III documents.
3. Understand different thresholds that trigger sprinkler systems under the Codes and Mass General Laws.
4. Anticipate what AHJs will require for fire system acceptance testing at completion of your project.

There's not a professional among us who can't stand to learn something through the February program. So come join Worcester CSI and arguably the most credentialed Fire Protection Engineer you'll ever meet, and a true Renaissance man firefighter/engineer/researcher for as much knowledge and pizza as you can stomach!