

Fire Safety in Research Laboratories

The course is based on the fire protection requirements in NFPA 45, Fire Protection in Laboratories Using Chemicals, 2024 Edition and the International Fire Code (IFC), 2024 Edition Chapter 38. The course will:

- Familiarize participants with the contents of NFPA 45, IFC Chapter 38 and how to apply them to research laboratories.
- Focus on laboratory ventilation and operations with an emphasis on the storage, use, and handling of flammable and combustible chemicals in laboratories.
- Detail best management practices for fire prevention and laboratory safety
- Review lessons learned from accidents and fires in laboratories.

WHEN: The three modules (A, B, C) to attend to complete the entire 12-hour seminar are scheduled as follows:

| | Tue, Oct. 29 | Wed, Oct. 30 | Thu, Oct. 31 |
|--------------|--------------|--------------|--------------|
| 8 am - 12 pm | Module A | Module C | Module B |
| 1 pm - 5 pm | Module B | Module A | Module C |

WHERE: Brookhaven National Laboratory, Building 30 (Brookhaven Center) Room B

Class size: Limited to 50 participants per session. There is no cost to attend. Each participant will be provided with a copy of presentation slides and a CD with reference materials. Each participant needs to have a copy of NFPA 45 (2024 ed.) available.

ABOUT THE INSTRUCTORS:

Jason D Johnson, CFPS, Vice President at Jensen Hughes. He has a BS in Fire Protection and Safety Engineering Technology with 25 years of experience in fire protection engineering. Jason has an extensive experience working on projects of higher education laboratories, pharmaceutical laboratories, and oil and gas laboratories. Jason has been a member of NFPA 45 since 2011.

Bruce Campbell, FSFPE, is Vice President – DOE Market Leader at Jensen Hughes. He has a BS in Fire Protection/Industrial Safety with 45 years of experience in fire protection engineering. For 20 years he worked at the former Rocky Flats Plant near Denver, CO managing the fire protection programs. Bruce has been involved with seven NFPA code development committees. He is a Fellow in the Society of Fire Protection Engineers, received the Special Achievement Award from the NFPA for his work as Chair of NFPA 80, received a Certificate of Appreciation from the Under Secretary for Nuclear Security Administrator, NNSA, and is a recipient of DOE's Walter W. Maybee award.

REGISTRATION:

To register, contact **Michael Kretschmann, PE**
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