

Welcome back! I hope you all had a safe summer and are ready to have a safe lab this year. This is an important update that will effect all of you! Please go to the NFPA website & review the requirements. Let me know if you have any questions.

And my personal update - I'm not at Stony Brook University anymore. I'm loving my new job; still doing lab safety, but at a large cosmetic R&D company. I'll still be sending these lab safety/HS Lessons Learned as I receive them.

-Kim

Jyllian Kemsley posted: "Responding in part to a string of student injuries from science demonstrations--often the result of fires from demos that use methanol as a fuel--the National Fire Protection Association has updated its standard 45, which covers fire protection for labora"

New post on The Safety Zone



[Lab fire protection standard updated to include class demos](#)

by [Jyllian Kemsley](#)

Responding in part to [a string of student injuries from science demonstrations](#)--often the result of fires from demos that use methanol as a fuel--the [National Fire Protection Association has updated its standard 45](#), which covers fire protection for laboratories using chemicals. Included in the revisions is a new chapter on educational and instructional laboratories, with retroactive requirements to protect students from demonstrations.

"[W]e cannot afford to burn any more students in science demonstrations," says Andrew Minister, a chief fire protection engineer at Pacific Northwest National Laboratory and chair of the NFPA committee that updated the standard, in the [NFPA Journal](#). "These accidents are preventable." The new requirements cover instructor responsibilities, storing and handling chemicals, and safety controls for demonstrations.

NFPA has the updated standard [available on its website for free](#). The American Chemical Society also has [several classroom safety guides](#), as well as a [recommended procedure for flame test demonstrations](#). Additionally, the U.S. Chemical Safety & Hazard Investigation Board has a safety bulletin, "[Key Lessons for Preventing Incidents from Flammable Chemicals in Educational Demonstrations](#)", and a video featuring a woman who was burned in a school demo fire when she was 15:

[Jyllian Kemsley](#) | September 9, 2015 at 7:30 am | Tags: [#alcoholfire](#) | Categories: [Accidents](#), [K-12 schools](#) |

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