

STRUCTURAL STABILITY OF ENGINEERED LUMBER IN FIRE CONDITIONS

ONLINE COURSE: <http://www.ul.com/fire/structural.html>

Description

This two-hour presentation summarizes a research study on the hazards posed to firefighters by the use of lightweight construction and engineered lumber in floor and roof designs.

This presentation will allow fire professionals to better interpret fire hazards and assess risk for life safety of building occupants and firefighters.

This research study was funded by the Department of Homeland Security's Assistance to Firefighters Grant Program.

Objectives

- Provide brief history of events leading up to DHS Grant tests
- Identify the fire test hypothesis, parameters, and steps completed in the testing process
- Compare tests results (legacy vs. modern construction)
- Communicate learnings from our partners representing the fire service
- Discuss code recommendations

Target Audience

- All fire services and personnel in North America
- Fire safety organizations, building code officials, public health officials, fire protection engineers, architects, building owners, contractors, manufactures, and installers of fire protection equipment
- Insurance companies



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