Fire Safeguarding Buildings Under Construction, Alteration and Demolition
Notre Dame Cathedral
April 15, 2019
• 2017  27 Incidents  Killed 8

• 2018  91 Incidents  Killed 11  Injured 94

• 2019  30 Incidents  Injured 22
U.S. Average Annual Fire Responses

3,750 Construction

2,650 Alteration

2,130 Demolition

8,530 Total
2018 CFD Issued

930 Hot Work Permits

56 Temporary Fuel Permits
Requirements

Risk

Real Life

Revenue

Regulations
Report: contractor ‘sorry’ for massive fire

A contractor spoke out last Wednesday after fire investigators pinpointed the cause of a fire that destroyed part of Cambridge’s Wellington-Harrington neighborhood.

The massive 10-alarm blaze in December was caused by the careless disposal of smoking material by a subcontractor working on a building renovation, fire officials said.

The general contractor, Daddy Construction, said he is sorry for what happened, according to Cambridge Chronicle media partner WCVB-TV.

"I hope they accept my apologies. I am deeply sorry for this," said Wilfredo Vilela, owner of Daddy Construction. "We post signs, no smoking. We tell everyone this is not a smoking zone. No smoking is allowed."

About 185 residents were displaced and 18 buildings were damaged.

"I don't know how to hold someone accountable to that. It's more just a matter of recognizing that these careless and irresponsible acts can really devastate people's lives," displaced resident Christine Jeffery said. "The place where I go home every day isn't there anymore. I don't know how you replace that. I don't know how you move on from that."

Investigators say they have not decided whether any criminal charges are warranted.

WCVB is a media partner of The Cambridge Chronicle and Wicked Local.
Began 1930

Tall Wood Chapter

Enhanced Cooking
• Fire Safety Program 7.1

• Owner’s Responsibility (Owner’s Document) 7.2

• Pre Fire Plans 7.2.3 (Content, Application FD vs. Evacuation, FPPM vs when a plan is needed) Avalon Fire Elimination

• Fire Prevention Program Manager (FPPM) Responsibility 7.2.4 (does not give clear guidance or qualifications)
Hot Work Chapter 5

- Requires fire watch
- New certification requirements
- Includes metal studs and ram sets
Getting People Comfortable

- If it can be predicted then it can be prevented (or at least managed)
- Accepting partial compliance
- Having fire companies make frequent visits
- Using the ticket book under MGL 148A
Products/Solutions

• Fedora
• Tattletale
• Pillar
• Fire Rover
• Procon
• Fire wire
• Treated wood
• Air pressurized standpipes and associated equipment
• Early design changes i.e. steel pipe instead of plastic
• WES
Wireless Evacuation Signal

www.lifeguardnetworks.com
Potential Changes
Thank You