

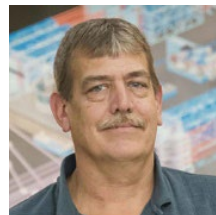
Fire Suppression System (FSS) Training

CAUTION

WHEN ALARM SOUNDS
VACATE ROOM. FIRE SUPPRESSION
SYSTEM BEING DISCHARGED

CAUTION

OPERATION OF MANUAL STATION WILL
RESULT IN IMMEDIATE DISCHARGE OF FIRE
SUPPRESSION SYSTEM



John Sawyer – Fire Safety

The Novec Fire Suppression System extinguishes fire without using water

Novec 1230 fluid:

- Extinguishes a fire by rapidly removing heat, interrupting the fire triangle
- Is *not harmful* to personnel; it is a mild irritant that can be remediated with exposure to fresh air ([Novec 1230 SDS](#))



**The system works most effectively
if the room remains sealed once the gas discharges.**

**Do not make any modifications to walls or ceiling that will affect
the integrity of the room's seal without prior approval from the
LLE Fire Safety Officer**

The FSS has multiple smoke detectors and an activation pull-station

- The fire alarm will sound and the fire strobe will flash if a single detector activates *or* if the FSS pull-station is activated
 - If one detector activates, the alarm beeps once every 2 seconds, but the suppressant will not discharge
- If two detectors activate, or if the pull station is activated, the alarm beeps once per second. Suppressant begins discharging:
 - 30 seconds AFTER the second detector activates
 - Immediately after the pull station is activated

If the alarm sounds - EVACUATE

If there is a fire, activate the FSS pull station to immediately discharge fire suppressant

**LDL ANNEX
PULL STATION LOCATION**



Use fire extinguisher if FSS fails to deploy or if there is a fire outside the room, if it is safe to do so

If there is a fire, activate the FSS pull station to immediately discharge fire suppressant

**LCF
PULL STATION LOCATION**



Use fire extinguisher if FSS fails to deploy or if there is a fire outside the room, if it is safe to do so



Contact the appropriate supervisor(s) to schedule a walk-through of the area(s) you work in:

- **LDL Annex (Room 132): Jake Bromage or Chad Mileham**
- **Laser Computing Facility: Joe DiVincenzo**

You must complete the [G 013 quiz](#) to satisfy your training requirement