



CSU Fire & Safety Systems

Kitchen Hoods, Special Suppression,
Smoke Evacuation, Area Rescue, Door
Access, Fire Extinguishers

Kitchen Suppression Systems

- ▶ All commercial kitchens across campus have a dedicated fire suppression system
- ▶ If there is a fire at one of the cooking stations, the systems are designed to activate with a specialized wet chemical
- ▶ A trained employee can activate the system with the system's specific pull station (see photo next page)
- ▶ Suppression system is ONLY for a **FIRE** / NOT odors or smoke
- ▶ If the suppression system is activated the Building fire alarm system will sound
- ▶ When the system dumps it will create a “mess” / wet agent is dispensed
- ▶ AC, BH, SC, WO

Pull stations have different functions

Kitchen Hood pull station



Traditional fire alarm system pull



Typical kitchen hood system pull station



AC / Viking Public House

Pull station on wall near hallway door



BH / Barrio Tacos

Barrio kitchen



Pull station on wall behind appliances



BH / Barrio / Emergency gas shut off

Looking south

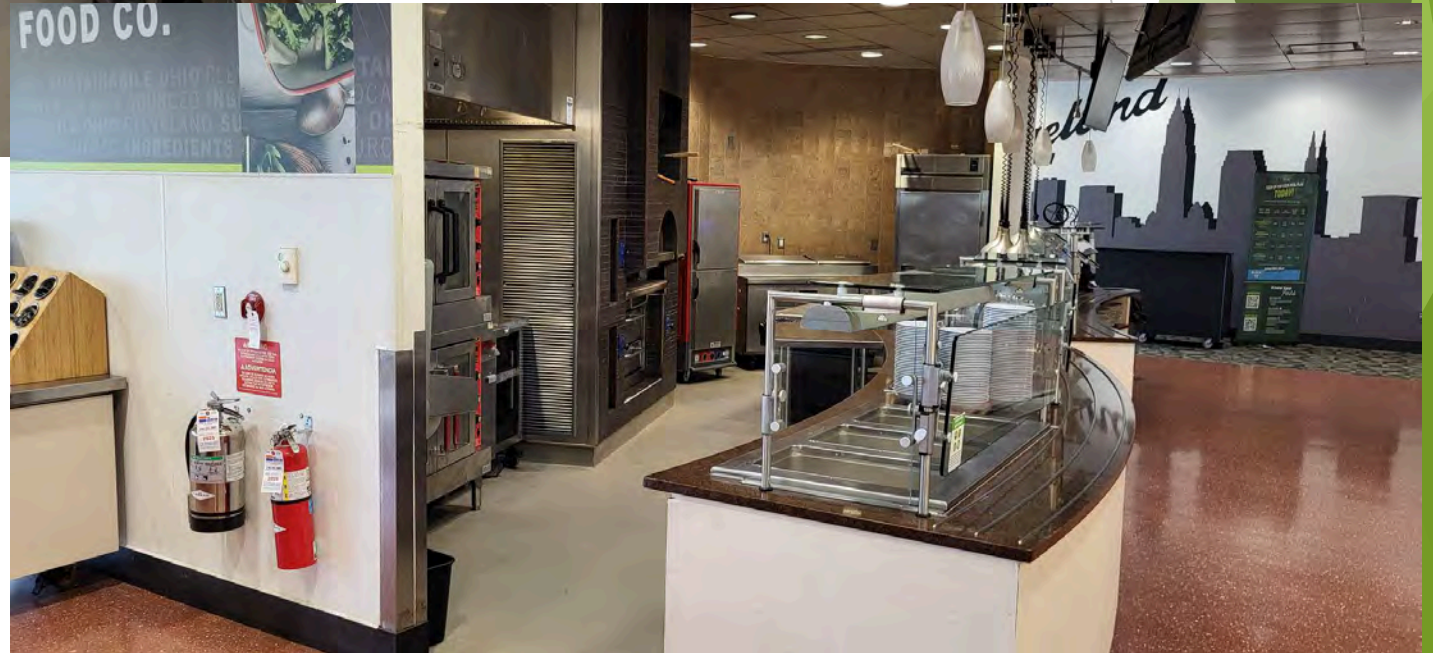


Located by door that leads
to computer lab



Student Center / 2nd Floor Northwest

Kitchen Hood System Pull Station



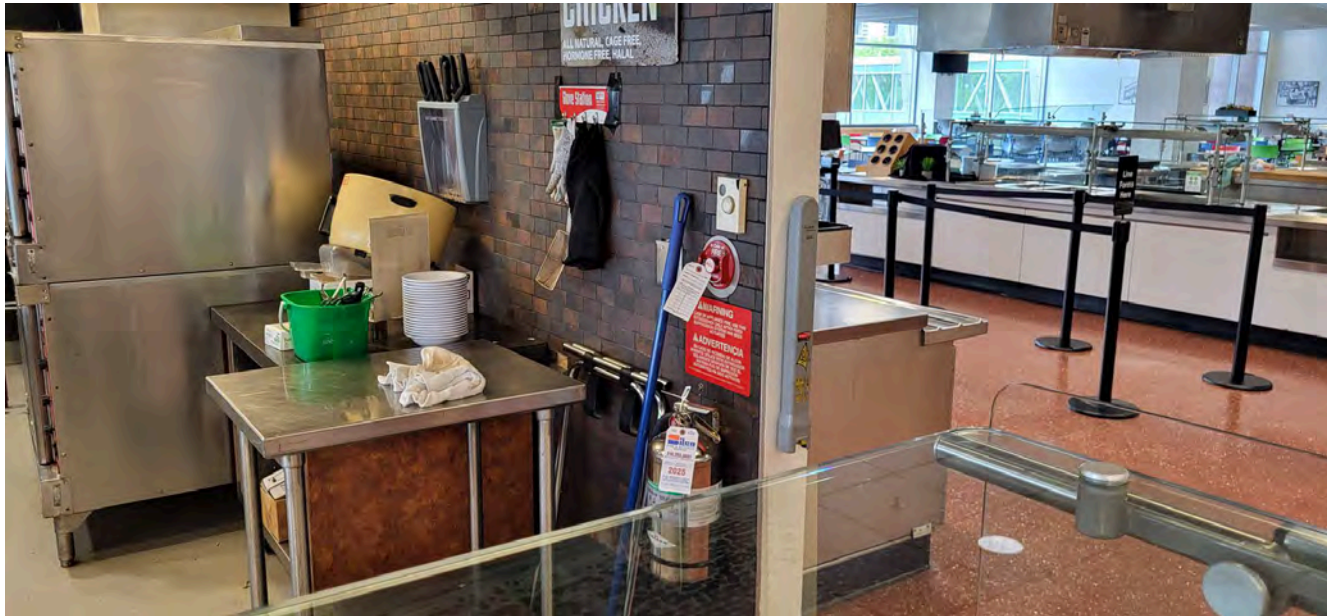
Student Center / 2nd FL Center

Pull station by double doors



Student Center / 2nd Floor South

Area closest to Euclid Ave. side



Student Center / 2nd Floor

Closer to Innerlink side / Northeast



Student Center / 2nd FL Northeast

Pull station on wall behind grills, etc.



Student Center Chick Fil A

Pull station by employee door



Student Center basement kitchen

Pull station against far wall by sink



SC Basement

Emergency gas appliance
shut off
Yellow Button



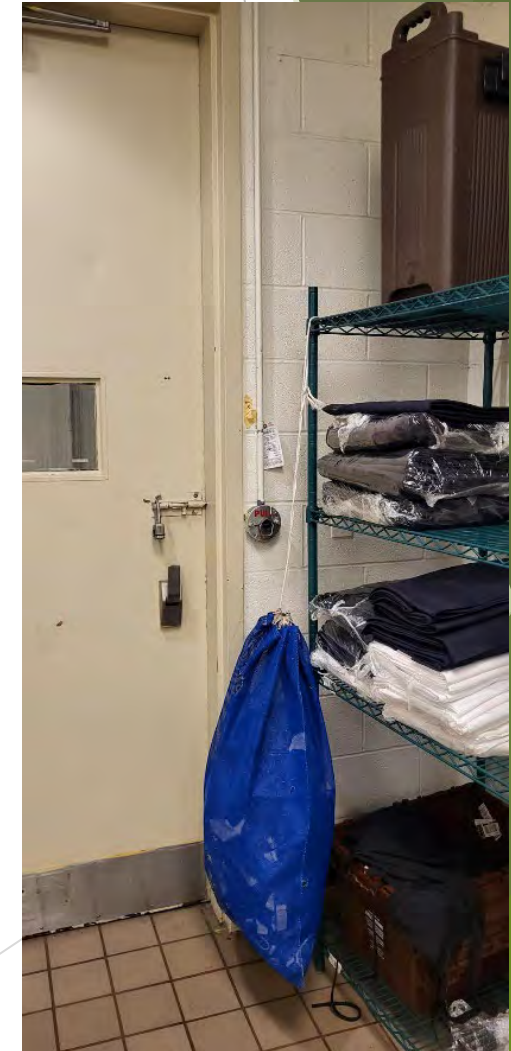
Only kitchen space on campus
with gas kill switch



Wolstein kitchen / by loading dock

Not used regularly for cooking ops

Pull station by door



Fire Panels / All over campus / report to 2020

PS Main Fire Panel

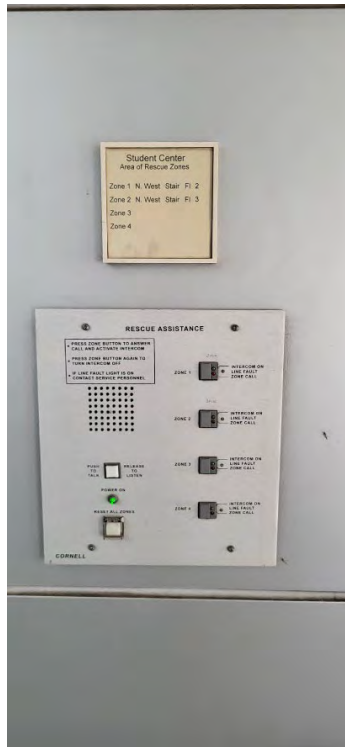


Remote Fire Alarm Panel / AORA



Area of Rescue Assistance Panel / monitored at 2020

Placard has locations



Sends location signal only to dispatch

- There is two-way communication capability between end user (typically in a stairwell) and person at the lobby panel

Theater Arts Fire Alarm Panel

Theater Arts / only different panel
TA monitored by remote 3rd party



TA description / 2020 won't
know this



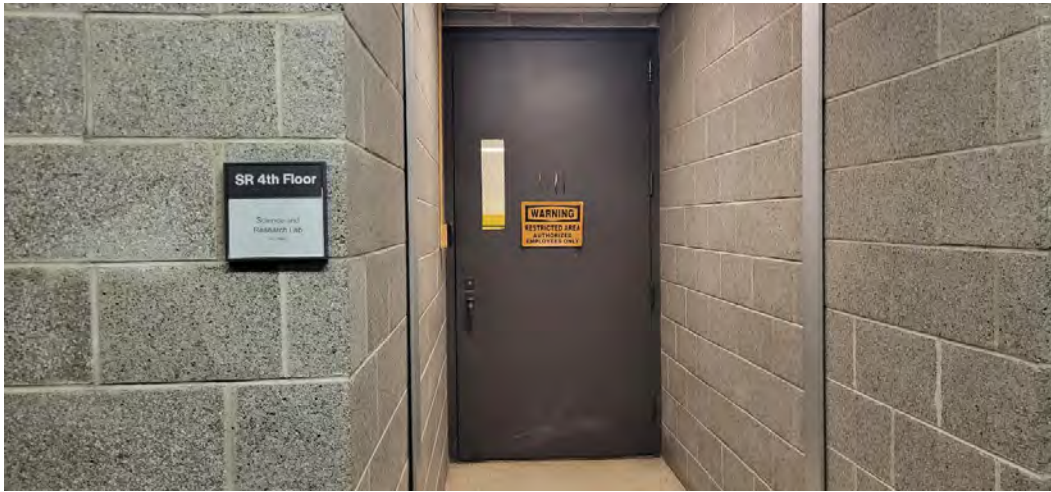
A photograph of a fire safety setup. In the foreground, a red fire hose reel is mounted on a wall, with a white fire hose coiled around it. In the background, a red fire extinguisher is mounted on the wall. The image is partially obscured by a green geometric overlay on the right side.

Special Suppression Systems

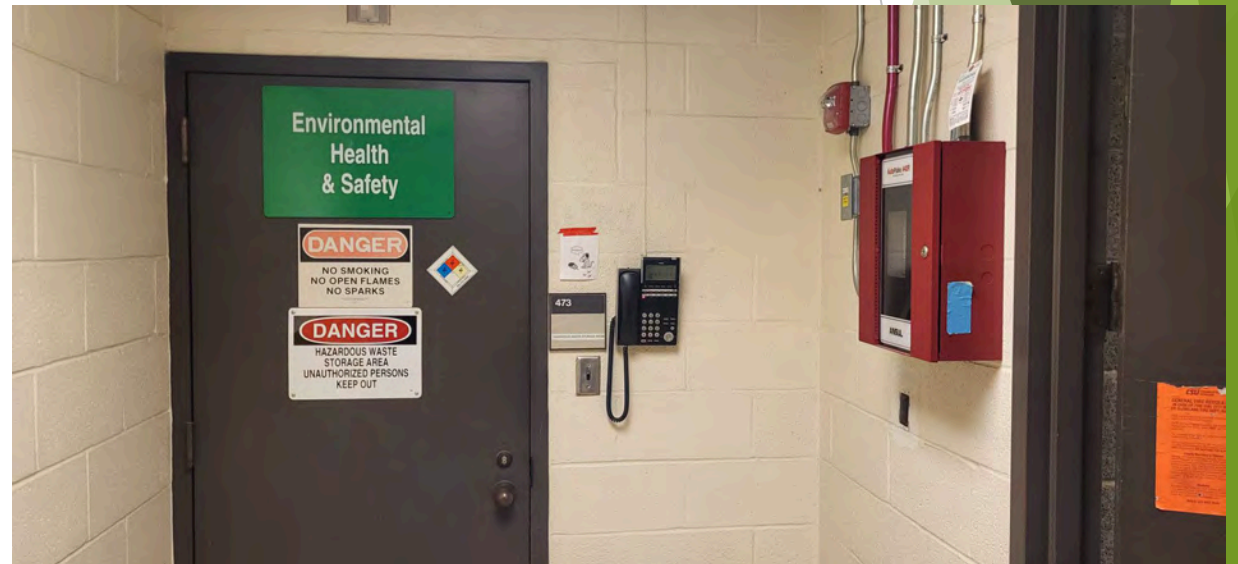
- ▶ We have special suppression systems that protect specific hazards depending on locations
- ▶ Located in BU,LL, RT SI, SR, TA

Science Research / Hazardous Waste

Adjacent to ARF



DO NOT ENTER if system activates



SR inside Haz Waste Room

Tanks of Release Agent



Entry to SR 413. Do Not
Enter if strobe is FLASHING



Science Building / Lower parking by dock

Hazardous Waste collection area



No need to enter here



Atrium Smoke Exhaust Panel

BH, CH(IM), JH, SC



Panel has local audible / visual alarms

- ▶ System is primarily monitored by CSU Engineers with their HVAC software platform
- ▶ This allows Fire Department to open / close doors for firefighting scenarios
- ▶ Occasionally if doors get propped open, the panel sounds an alert audible. Reset by key located in Keybox

Traditional door hardware

Exterior door



Exterior card reader



Exterior Building Access

Exterior Card Reader(s)



Euclid
Commons
(example)



Unfriendly Fires / Fire Extinguishers

- ▶ All unfriendly fires should be documented and a courtesy call to CFD to report incident (inside a building, outside in a flower bed / trash can, etc., extinguished or not); CFD may send a single engine to verify as is their traditional protocol.
- ▶ Proper care should be taken wherever possible to return a used portable(s) to CS and leave in equipment room and some type of communication to me / us to get a replacement ASAP; if the extinguisher is really messy / leaking powder, any portable can be taken to a CSU building in a secure place and just give me a heads up. In today's scenario the used extinguisher was still in the rear of the on duty vehicle.
- ▶ Leaving a used or partially used portable, especially after the safety seal has been removed (which prevents accidental handle activation to discharge any agent left in the tank) in a vehicle could cause more agent to be discharged causing distraction to officer(s), an inhalant emergency, and a mess to clean up (which is not easily rectified as the powder covers the inside of a vehicle like a snowstorm).

