



Fire & Life Safety Evaluation

Complete

SHSU Campus Name:

Huntsville

Building Name:

Chemistry & Forensic Science
Building

Building Number:

300

Conducted By:

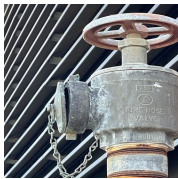
Mark Shiflet

Occupancy Type:

Mixed, Assembly & Business

Date of Inspection

May 20, 2024

Inspection	
Fire Protection, NFPA 72 & NFPA 25	
Does the building have a fire alarm system?	Yes
Is the required inspection up to date?	Yes
Is the Fire Alarm Panel clear of all signals?	Yes
Are the notification devices clear of obstructions and undamaged?	Yes
Are the initiating devices, i.e. smoke & heat detectors and pull boxes clear of obstructions and undamaged?	Yes
Does the building have a fire sprinkler system?	Yes
Is the required inspection up to date?	Yes
Is the fire sprinkler system control valve secured in the open position	Yes
Is the fire department connection free of obstructions, undamaged and has signage?	Yes
Is the standpipe system and hose connections free of obstructions and undamaged?	No
<p>One of the brass caps on the fire sprinkler system test header is broken. Work order 423852 has been created to correct this finding.</p>  <p>Photo 1</p>	
Are the fire extinguishers clear of obstructions, undamaged and operational?	Yes
Are fire suppression systems (kitchen hood systems & FM200 systems) inspected and operational?	N/A
NOTES	
Means of Egress, NFPA 101	
Are Emergency Evacuations plans posted and accurate?	Yes

Are the pathways to, through and beyond the means of egress clear of obstructions?

Yes

Do the doors in the means of egress open, close and latch properly?

No

The are several doors on the second & third levels that are held open by door stops. The purpose of these doors is to create compartments within the building to prevent the spread of smoke, heat, and flames and provide a quicker response from the fire alarm and fire sprinkler systems in the event of a fire. It is the responsibility of the Building Liaison to ensure these door stops are removed.

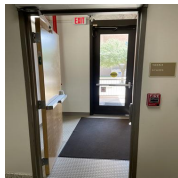


Photo 2



Photo 3



Photo 4

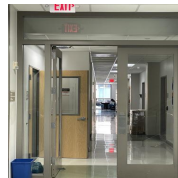


Photo 5



Photo 6



Photo 7

Do the fire doors open, close and latch properly?

No

The fire doors at those locations did not close completely and latch: 100S3 & 200S1
Work order 423838 has been created to correct this finding.

Is the means of egress illuminated when the building is occupied?

Yes

Is the emergency lighting operational?

No

The ceiling mounted emergency light between 323 & 325 does not operate on battery power.
Work order 423847 has been created to correct this finding.

Are the Exit lights operational?

Yes

Does the Exit signage direct you to the closest exit?

Yes

Are stairwells clear of obstruction and storage?

Yes

NOTES

Electrical, NFPA 70

Are the outlets within 6' of wet areas protected by a GFCI?

None Noted

Do junction, switch and outlet boxes have covers?

None Noted

Is there clear access to electrical panels?

N/A

Are the electrical panels in public areas locked?

No

The electrical panel outside 211 is not locked.
Work order 423850 has been created to correct this finding.

Are the breakers in the electrical panels adequate labeled?

None Noted

Is the cover plate inside the electrical panel free of holes?

None Noted

Are power strips and extension cords used safely?

None Noted

NOTES

Mechanical/Electrical Rooms, NFPA 101

Are the mechanical rooms clear of combustible materials and stored items?

yes

Are penetrations through walls, floors and ceilings sealed with fire proofing materials?

No

There are open penetrations through conduits above both doors in 100U4.

NOTES

Storage NFPA 1 Fire Code

Are flammable & combustible liquids stored in a flammable storage cabinet?

No

There are several containers of flammable liquids in 188 (Chemical Storage) that are corroding which will lead to leaks. It is imperative to dispose of these chemicals before a spill is created. It is the responsibility of the Building Liaison the make arrangements through EH&S to remove these containers of chemicals ASAP.



Photo 8



Photo 9



Photo 10

Is there 18" of clearance provided below sprinkler heads?

Yes

Is there 24" of clearance below to ceiling in non-sprinkled areas?

N/A

Are items stored properly? I.E. Off the floor, neatly, and not excessive?

Yes

MISCELLANEOUS

ADDITIONAL COMMENTS

The spill response kit in the Chemical Storage room 188 is located at the back of the room. If there were a spill in the room, someone would have to maneuver past the spill to get to the kit. The kit should be moved so it is close to the door for easier use.

There are several research projects posted on bulletin boards throughout the building. Many of these posters have become faded and longer legible. They should be removed to eliminate the fire risk they pose.



Photo 11

Media summary



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11