

Plan Review Summary

Building Information

Project Name:	Bunger-Henry Battery Lab 433C	Floor/Room #:	433C
Building #:	086	Department:	College of Engineering
Occupancy Type:	Business	Budget:	\$600,000
Construction Type:	IIB	Type of Review:	Construction

Project Management

Project Manager:	Mark Wood
Architect/Engineer of Record:	Hera
Construction Manager:	Mark Wood
Aim Project Number:	0228-2019

Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	5/10/2019
Disposition:	Declined	Date Completed:	5/13/2019

Status Statement

Note: New NFPA 45 Lab

Review Comments:

1. Please provide the location of the oxygen cylinder in the lab.
2. Please provide or indicate the location and size of the flammable liquids storage cabinet.
3. Please include in the plumbing plans piping for the gas cylinders delivery system per NFPA 45.
4. Gas cylinders not in use shall not be stored in the lab unit. Please comply accordingly.
5. Please provide SDS for all chemicals and gases in the lab.
6. Please show on the mechanical plans that the lab unit will have a negative pressure with respect to corridors and non-lab work areas in accordance with NFPA 45.
7. What is a "pouch cell"?
8. Please provide a procedure for the lithium and lithium hydroxide versus lithium oxide. Provide signage as necessary for warning of dangers related to water.

General Note:

1. Inspection requests: <http://www.ehs.gatech.edu/fire/inspection-request>
2. Hot Work Permit Request: http://www.ehs.gatech.edu/fire/permit-request/hot_work

Plan / Shop Drawings Required:

1. Fire Suppression
2. Fire Alarm

Inspections Required:

1. Fire Safety Office Project Kick-Off Meeting
2. 50% Wall (Rated walls, doors, dampers, horizontal penetrations, etc.)
3. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)

4. 100% Construction, Alarm Commissioning, Sprinkler Commissioning, Certificate of Occupancy (all work complete, commissioning of systems, close-out documents, etc.)

Permits Required:

1. Construction / Interior Renovation
 2. Fire Suppression System
 3. Fire Alarm
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