

Plan Review Summary

Building Information

Project Name:	Dr. Hu Lab-Fit Up Ford ES&T	Floor/Room #:	2321
Building #:	147	Department:	Mechanical Engineering
Occupancy Type:	Business	Budget:	\$300,000
Construction Type:	IA	Type of Review:	Construction

Project Management

Project Manager:	Ngugi Mathu
Architect/Engineer of Record:	Kyle Epstein of Warren Epstein Association
Construction Manager:	Mitchell Shelton
Aim Project Number:	0263-2018

Reviewer Information

Reviewer Name:	Jake LeJeune	Date Received:	6/26/2018
Disposition:	Approved w/ Additional Requirements	Date Completed:	7/10/2018

Status Statement

Note: Dr. Hu Lab-Fit Up ES&T room 2321; 804 square feet; Revision 1

Review Comments:

1. Please provide the quantity and storage arrangement of the Dimethyl Ether in accordance with the 2011 edition of NFPA 45.
2. The petroleum ether is being stored in a 2500ml glass container, however the 2011 edition of NFPA 45 requires a minimum of 500ml of class IA flammable liquid be stored in a glass container. Please revise to comply.
3. Please provide a summary of lab operations and purpose.

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

Additional Requirements (as needed):

1. Fire Emergency Response Plans
2. Red Book Completion and Fixed Location Designation

Plan / Shop Drawings Required:

1. Fire Suppression
2. Fire Alarm

Inspections Required:

1. Fire Safety Office Project Kick-Off Meeting
2. Sprinkler Pipe Inspections
3. 50% Wall (Rated walls, doors, dampers, horizontal penetrations, etc.)

4. 80% Ceiling, Alarm, Sprinkler (vertical penetrations, junction boxes, lights tied at corners, sprinkler and fire alarm roughed in, etc.)
5. 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

Permits Issued:

1. Construction / Interior Renovation: 2018-CP-235
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