

City of Madison Fire Department Position Statement

Owner: HAS Commercial Real Estate	Project Name: Tekni-Plex Healthcare Flammable Liquids Rooms	Contact: Eric Ortega Partners in Design Architects
Address: 100 S Wacker Drive, Suite 950 Chicago, IL 60606	Building Location: 6002 Femrite Drive	Address: 2610 Lake Cook Road, Suite 280 Riverwoods, IL 60015
Owner Phone: 312-458-4464 Owner Email: kosborne@hsacommercial.com	Building Occupancy or Use: H	Phone: 847-940-0300 Email: erico@pidarchitects.com

Rule Being Petitioned: SPS 362.0903 (14)

I have read the application for variance and recommend: (check appropriate box)

☐ Approval ☒ Conditional Approval ☐ Denial ☐ No Comment

MFD recommends conditional approval to allow the usage of Factory Mutual Datasheet 7-29 dated July 2024 to protect only the Drum Dispensing Room, Dispensing Room, and Ignitable Liquid Storage Room with the following conditions:

- Provide an exterior door of a minimum of 3'-0" wide on the South exterior wall within 20'-0" of the door into the Drum Dispensing Room
- Door hold opens will not be allowed. All fire doors for the Drum Dispensing Room, Dispensing Room, and Ignitable Liquid Storage Room to be normally closed.
- The Drum Dispensing Room and Dispensing Room to be 2 hour rated construction and the Ignitable Liquid Storage Room to be 1 hour rated construction. Ceiling construction to have the same ratings as the walls
- Revise and resubmit fire sprinkler plans to MFD to include details on emergency drainage and containment required per FM 7-29 2.2.2.
- Interlock all ignitable liquid transfer pumps to shut off on fire detection / alarm activation
- Apply for, and maintain, a Special Hazards License per MGO 34.105

The existing fire pump is not large enough to supply both the sprinkler demand and hose demand required in NFPA 30. The required hose demand in NFPA 30 is 500 gpm. FM datasheet 7-29 has a lower hose demand requirement of 250 gpm for a flammable liquid cut off room that is less than 2000 sqft. The largest of the three rooms in this proposed use is right at 2000 sqft. This lower 250 gpm hose demand in FM 7-29 allows the existing fire pump to remain in place. Due to the limited size of the room, the fire rating of the interior walls and ceilings, and close location to the public way MFD would accept this lowered hose demand using FM requirements.

Name of Fire Chief or Designee (type or print) Matt Hamilton – Fire Protection Engineer	
City of Madison Fire Department	Telephone Number 608-266-4457
Signature of Fire Chief or Designee	Date Signed 1-24-25