



FM-200 SYSTEM SAVES LASER ROOM PRODUCTION

NO NEED FOR SPRINKLER ACTIVATION

Monday July 6th, 2020 A Major Medical Manufacture in Connecticut had a fire inside a laser room where production of medical components is produced. The fire was quickly extinguished by an FIKE FM-200 – Clean Agent Fire Suppression System.

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As many of you in the fire protection industry understand, certain high value assets require different fire protection needs. In these areas, many times fire sprinklers (water) can be more of a problem and should only be used as a last resort. This Client's laser room used for production of a certain type of medical equipment is one of those areas. The client has maintained protection in this room with an FM-200 fire suppression system as its primary protection with regular sprinkler protection as a backup.

Fire Prevention Service Inc of Norwalk Connecticut, a Suppression Systems and Extinguisher contractor, just acquired by Encore Fire Protection, 10 days prior, has maintained these systems for this client since the year 2000. Last year this system was upgraded by FPS to newer standards for detection, controls, and cylinder protection.

As you can see in the picture, the laser electrical cabinet to the left that has a lock-out / tag-out attached, was the cabinet that caught fire. The wiring and data card located inside the cabinet started to smolder and catch fire. One of the detectors, seen above the series of cabinets in the photo, detected the first amount of smoke, sounded a bell alarm, and initiated the building fire alarm. A second detector to the side of the cabinets identified another presence of smoke, sounded a horn/strobe alarm, initiated a 30 second count-down and laser power shutdown from relays associated with this system. Personnel exited as per their emergency response protocol. The FM-200 expelled into the protected space and quickly extinguished the fire in laser room #2.

The client contacted FPS which responded within one-hour to initiate system re-commissioning.

As you can see there was no fall-out from the FM-200 discharge and the client was able to resume production without any water damage since the sprinkler system did not have to function.

FIKE FM-200 SYSTEM EXTINGUISHES FIRE

