

Case Study



EN 14470-1

EN-14470-1 Certified

Ensured 90 minutes of fire resistance, allowing safe evacuation and emergency response.



Prevented Ignition & Contamination

Contained hazardous chemicals, stopping secondary explosions.



Safeguarded a Critical Hospital Unit

Protected the facility from catastrophic damage.



Proven Under Extreme Conditions

Survived real-world fire exposure, validating its reliability.

90 Minutes To Save Lives

How an **asecos** EN-Certified Safety Cabinet from **Lasec®** protected chemicals in a devastating lab fire



When Fire Struck, One Thing Stood Strong!

A devastating fire broke out in a hospital pathology laboratory, destroying the facility. However, one thing remained intact - the EN-14470-1 certified **asecos** safety storage cabinet from **Lasec®**, successfully protecting hazardous chemicals from igniting thus preventing further catastrophe.



The Incident

A fire engulfed a hospital's pathology laboratory, which was situated above a critical care unit. The flames spread rapidly, reducing the entire workspace to ashes. Without proper containment, hazardous chemicals could have ignited, causing secondary explosions and further endangering hospital patients and staff.

In reality, it took over an hour to fully evacuate the area. During this critical time, the safety cabinet maintained its integrity, ensuring that hazardous chemicals did not contribute to the fire or pose additional risks.



Cabinet Performance & Protection

Despite the extreme heat and destruction, the safety storage cabinet remained intact, successfully shielding its contents from fire exposure. This real-world scenario underscores the vital importance of EN-14470-1 certified fire-resistant storage solutions in safeguarding critical environments.



Why EN-14470-1 Safety Cabinets Matter

Facilities store flammable and hazardous substances that can escalate fire risks if not properly contained. The EN-14470-1 fire-resistant cabinets from **asecos** provide up to 90 minutes of protection, allowing emergency teams the critical time needed to respond before hazardous substances become a greater danger.



Would your facility's chemical storage survive a fire?

Contact us today for expert advice on EN-Certified Safety Cabinets and laboratory fire protection solutions.