



Case Study

How a fire led to a long-term use of GreCon fire protection

After a fire incident in 2021, Abbey Upholsterers required a fully automated, insurer-approved solution to detect and extinguish ignition sources within milliseconds. GreCon deployed a tailored spark detection and extinguishing system across two critical areas, providing a robust, always-on protection layer safeguarding people, assets, and production continuity every day.

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The GreCon systems have significantly reduced our fire risk, strengthened insurer compliance, enhanced reliability and future-proofed its safety infrastructure.

Jonathan Mallett,
Operations Director
at Abbey Upholsterers



Protecting long-term investments with a tailored solution

Abbey Upholsterers is one of the leading specialist commercial fit-out and upholstery providers in Ireland and the UK, operating high-quality woodworking and finishing processes with continuous dust extraction and high-energy machinery. In April 2021, a major fire incident exposed vulnerabilities in its production environment. Under the leadership of Operations Director Jonathan Mallett, Abbey initiated a strategic shift toward proactive industrial fire protection, choosing a fully automated, insurer-approved solution designed to detect and extinguish ignition sources within milliseconds.



GreCon deployed a tailored spark detection and extinguishing system in two critical areas. In the Main Factory (following the 2021 fire), high-speed spark detectors and automated water extinguishing were integrated into the extraction ducts. In 2024, the system was expanded to also protect the new paint room, with sensors optimised for fine particulate environments with dedicated extinguishing points. The system provides 24/7 monitoring, automatic machinery shutdown, and seamless operational continuity.

GreCon's technology now delivers a dependable, constant protection layer that secures personnel, assets, and production continuity every single day.

Responding to specific customer needs:

- ✓ Significantly reduced fire risk
- ✓ Strengthened insurer compliance
- ✓ Improved seamless operational continuity

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