

## Case Study

- + Mechanical & Renewables
- + Mechanical
- + Electrical
- + Construction

### Skidders Academy

Following significant fire damage to a commercial kitchen, our team was commissioned to safely remove and reinstate all mechanical and electrical services to restore full operational functionality.

The project required a full strip-out of damaged services and a complete reinstatement of systems in accordance with current safety and regulatory standards.

#### Client Benefits

- + **Safety Assurance:** All gas and water systems were made safe and fully certified.
- + **Restored Functionality:** The kitchen was returned to full operational capacity with optimised heating, water, and gas supplies.
- + **Compliance & Certification:** Works were carried out and certified by qualified engineers, including a registered Commercial Gas Safe engineer.
- + **Efficiency & Comfort:** Balanced water temperature via TMVs and radiator installation with TRV control for efficient heating management.
- + **Reduced Downtime:** Effective coordination with the project manager ensured smooth programme delivery and minimal disruption.



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## Services Provided

- + Isolation and removal of fire-damaged mechanical and electrical services
- + Reinstallation of domestic hot and cold feeds using press-fit copper pipe
- + Chlorination, testing, commissioning, and balancing of pipework systems
- + Installation and commissioning of heating systems and radiators
- + Installation of new gas feed with safety solenoid and push-button shutoff
- + Certification of gas works by a Commercial Gas Safe Engineer
- + Full insulation using mineral pipe insulation
- + Final handover including Operation & Maintenance (O&M) documentation

## Project Details

The project involved the mechanical and electrical reinstatement of a fire-damaged commercial kitchen. Works included the installation of press-fit copper pipework and mineral insulation, along with thermostatic mixing valves (TMVs) and thermostatic radiator valves (TRVs) to ensure safe and efficient operation. All gas-related installations were carried out and certified by a registered Commercial Gas Safe engineer. The project was completed with a full system reinstatement and the provision of comprehensive Operation and Maintenance (O&M) documentation.

