

Smoke Damage Cleaning In a Supermarket

CASE STUDY

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London, United Kingdom



Smoke Damage Cleaning In a Supermarket

CASE STUDY

If you have experienced a fire and need fire remediation services call us 24 hours a day, 7 days a week on 01622 632 912 for immediate assistance. Call us to register your details for future assistance.

OBJECTIVE

Our client is a specialist fit out company representing a national chain of convenience stores. A fire had caused extensive damage to the loading bay, CCTV room and bakery at the rear of the store. Smoke damage had also affected the surrounding area within the store. Standing water remained in the property after the fire extinguishing process therefore a thorough drying programme designed specifically for this site was required.

OUR BRIEFING

Ideal Response were chosen to provide a thorough and efficient service. Brickwork, electrical equipment, cabling, furnishings and flooring were all severely damaged. Ideal Response were required to assess the extent of the damage, dispose safely of unsalvageable industrial refrigeration units in accordance with guidelines outlining proper methods for dealing with CFC's (chlorofluorocarbon or Fluorinated greenhouse gas). Fluorinated greenhouse gas, or "F gas", is found in refrigeration units and is to be treated as a hazardous waste material. As part of preparing the area for remedial works Ideal Response would allow for scaffolding and provide a generator for power and temporary lighting to enable work to progress quickly and safely. We would be working in partnership with other service providers as part of a collaborative approach.

THE TECHNICAL PART

A full risk assessment was carried out then safety precautions put in place to allow safe access to the store room area for the staff. Services had been disconnected and our desiccant dehumidifiers were installed to ensure the building was adequately dry in preparation for remediation. Our desiccants are more effective than a standard dehumidifier and come with advanced remote monitoring equipment. This enables our technical teams to monitor moisture levels, the amount of water vapour removed and equipment health all in real-time.

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Structural work began at the outset. A lean-to outbuilding was removed and a breeze block CCTV room was dismantled and removed. The existing checker plate floor covering needed to be lifted and partition walls knocked down. Structure needed to be cut back to the party wall to allow fire damaged timber to be replaced. All fire-damaged walls were stripped back to bare brick in preparation for soot and smoke removal work.



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The fire cleaning method used on this project would be Soda Blasting. Soda Blasting removes smoke stains, soot and char quickly and efficiently while acting as a mild deodorizer. This process works by using compressed air coupled with sodium bicarbonate at a relatively low pressure of around 20psi to apply mild abrasive force to affected surfaces. This method brings buildings back to their original state leaving little to zero trace of a fire. After completing the Soda Blast treatment, we apply our solvent free, water based bonding agent to affected porous surfaces creating a permanent, sealed, barrier locking in any remaining smoke odour particulates.

After removal of fire damaged equipment, cabling and services were removed along with tray work. Furnishings and kitchen units were removed from the basement. The scheduled work was to be completed within a three-week period, Ideal Response provided continuous support to ensure deadlines were met.

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CLIENT REVIEW

Our clients were pleased with the service they received and our ability to overcome difficulties quickly.

“All work carried out to a good standard. Although the team encountered some problems with their equipment they resolved issues effectively – overall very happy with operatives & job.”

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DISASTER RECOVERY & HYGIENE EXPERTS

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