



Case Study – Fire Damage

Fire Decontamination after an Explosion in a Warehouse Unit



Summary

Client's Problem: Heavy smoke and soot damage across offices and large commercial industrial units.

Location: Reading.

How Long it Took: 10 weeks.

What Machinery was Used?

- HR21 – MEWP
- Scissor lifts
- Carpet cleaners
- Floor scrubbers
- Transformers
- Scaffold towers
- HEPA vacuums
- Steam cleaning equipment

Fire Damage

Vinci Response Services were called to the site of an explosion at a coach station. The coach station is split into 3 areas: the workshop, coach store and the offices.

The fire started in the coach store and smoke migrated into the adjoining areas, with associated soot deposition, surface residues and characteristic smoke odours.

The first step was for Vinci's team of qualified assessors to survey the property and make sure it was safe for workers to enter. A report was then prepared with recommendations for the client.

As the fire started in the coach store it was the worst affected area with heavy soot deposition afforded to the structure and machinery. However, the other areas still needed cleaning and to be checked for signs of hidden damage.



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The corners of rooms are often tell-tale signs of hidden damage caused from smoke and the burning of plastics.



I would like to thank the team for a superb finish. The client was impressed from the start. With visits to site to view the ongoing works they saw first hand how your cleaning team was conducting the works and how professional and courteous they all were to site staff; this was also noted by the General manager of the station. I would like to individually praise Ben & Monty for their daily support and management of the workers which changed daily and the organisation of detailed workloads, completing each phase to the highest of standards. Their professionalism, competence and work ethos are a credit to your company.

Rich Harnes

John Ryan Maintenance Ltd

How we did it

✓ Pre-Remediation

Before remediation can begin there are some important safety precautions that must be adhered to. Air-quality and surface-quality sampling is undertaken.

Pre-remediation results are then documented for comparison to post-remediation results.

✓ Remediation

The area is cleaned from top to bottom. Difficult to reach places are reached using boom lifts and scaffold towers. A large floor scrubber is required to clean the floor areas which were blackened with smoke.

✓ Post-Remediation

Surface-sampling is required to verify that restoration has been completed to a satisfactory standard.

