



Case History

Yacht Fire Clean

A docked super yacht suffered a small fire when final fittings works were being carried out. Four of the yacht's cabin were affected in total; 3 of the cabins suffered smoke damage, but one of the cabin (where the fire was situated) with fire damage to free standing and attached upholstery.

A strong odour of smoke was also prevalent throughout the whole of the yacht, resulting in the air-conditioning system needing deodorising and cleaning of contaminants to eradicate the smell and prevent the entire ship being contaminated with soot particulates.

Damage was caused to mattresses, fabric bulkheads and upholstered ceilings, with matching lamp shades in the fire damaged cabin. Some of the contents were burnt beyond economic repair, whilst others were restorable. Rainbow worked with the in-house upholsterers, who were able to give them advice and guidance on cleaning the bespoke Italian designer fabrics.

There was no visible soot contamination to the lower deck; which housed all of the state and visitor cabins. However an oily film covered the soft furnishings and creating malodorous conditions. As everything was brand new, bespoke hand finished and not even delivered to the client yet, this was not acceptable and the cleaning had to be hand finished to the highest standards to retain textures and pristine finishes.

Rainbow set up a system to maintain clear access to working areas to ensure the yacht was clear of cross-contamination. Also, protective equipment and a full range of PPE were required for all workers, setting up quarantine areas to change PPE when moving from one room to another and to trap smoke particulates.

Lots of careful hours of professional deep cleaning was undertaken to decontaminate UPVC, metal and corrodible surfaces. Rainbow introduced their portable ozone system over two nights, one before completion of cleaning and again following the completion of the clean, to capture any after released or disturbed air borne particulates and to eradicate the soot particulate in the voids.

Key Facts

Service

- Fire Restoration & Deodorising

Market

- Leisure

Location

- Swindon

Finally, Rainbow completed at least three air treatments, including ozone and thermal fogging, which greatly improve chances that the smoke aroma would not return in the future.

The cleaning regime followed the same pattern for each room, with great attention being made to ensure each cleaned room was being sealed off as it is finished to avoid cross contamination.

The stairwell to the lower cabins was sealed for the duration and only entered to work the ozone system. This ensured maximum benefit of the ozone system across the lower cabins. Cleaning and air borne treatments were applied throughout the onboard fresh air and air conditioning systems.

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You Recover™