



PROPERTY RESTORATION

The Royal Mint - Llantrisant, South Wales

Loss Event: Smoke and Fire Damage



CASE STUDY

The Royal Mint is the world's leading export mint, and the official maker and distributor of coins for the United Kingdom. The 35-acre facility operates round-the-clock, 52 weeks a year and can produce up to 90 million coins a week - almost five billion coins a year. Following a fire in the production area, the Royal Mint suffered severe smoke damage throughout its nickel plating plant.

THE RESTORATION

- ▶ The nickel plating plant is a separate building primarily built of concrete and heavily enforced by a steel frame. The fire was unable to penetrate the concrete so the smoke was contained within the structure. Due to the height of the roof (approximately 50 feet) and the need for continued production underneath, the decontamination process was challenging.
- ▶ BELFOR built a "bird cage" scaffolding structure inside the building that contained three different height platforms and consisted of 12,000 boards and 9,000 tons of scaffold poles. Because heat generated by machinery below created unusual conditions, crews were rotated regularly to allow for breaks, but without hindering the schedule.
- ▶ BELFOR used its innovative and unique Soot Removal Film (SRF) product for the decontamination process. Because SRF is "wash-free," odorless, and environmentally friendly with no need for the use of chemicals, production work in the plant was able to continue. BELFOR used more than 18,700 pounds of SRF to decontaminate the 48,000-square-foot plant.
- ▶ The Royal Mint is a high security facility, the responsibility of which falls to the Ministry of Defence Police. All workers were required to meet rigid security checks.



- More Than 18,700 Pounds of Soot Removal Film (SRF)
- More Than 8,800 Labor Hours



"When we had a fire incident in our plating section and were confronted by the daunting process of recovery from excessive smoke damage, from day one, BELFOR provided us with the confidence to achieve this utilizing their wealth of experience and a range of professional techniques. As a result of the efforts of the cleaning teams, we achieved the desired recovery in good time and on budget. If we were to be in a similar position again, we would have no hesitation in using BELFOR."

STEVE CLODE
Technical Leader of Blank Processing

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BELFOR Property Restoration

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