

## REBUILD OF AN ADHESIVES PLANT FOLLOWING A FACTORY FIRE.

A major fire at **Caswell Adhesives** destroyed their production plant and resulted in a move into a temporary manufacturing unit. **Ai Process** successfully restored the plant in Corby, East Midlands, to full production.

**Client:** Caswell Adhesives

**Project:** Plant rebuild following a factory fire



**CASWELL**  
ADHESIVES







Established in 1890, Caswell Adhesives have earned a reputation as a leading independent adhesives manufacturer, offering a range of hot melt adhesives and glues, together with a comprehensive range of tailor-made products for a wide range of industries, both in the UK and overseas.

Their site in Corby manufactures hot melt, water-based, PU and MS adhesives. Time was of the essence for Ai Process since each day after the fire Caswell Adhesives were unable to meet the ever-increasing demands from their customers.

The new facility now gives Caswell Adhesives the flexibility to offer its customers bespoke adhesive products whilst also allowing for an increase in production of their regular product ranges.



### THE DESIGN CHALLENGE

To restore and improve full manufacturing capability to the site in the shortest possible time, whilst giving consideration to:

- Process flow
- Operator footfall
- Maintenance access
- Health and safety regulations
- Additional capacity for future growth

"A major part of this project was to ensure that all the health and safety aspects had been considered. Following the effects of the fire, it was imperative that all operations were suitably risk assessed and acted upon."

(Alan Parry, Ai Process)

### SCOPE OF WORKS

The project requirements included process design, construction and installation of:

- A new bulk powder and liquid tank farm
- Prime manufacturing equipment
- Filling and packaging lines
- A recipe driven SCADA control system
- Infrastructure including new mezzanine floors, pipework, trace heating, lagging and cladding, electrics and extraction

The relocation of equipment from a temporary site to their new production plant was also facilitated.

### CONTINUING SUPPORT

Ai Process is proud to offer continuing post-project support to its clients, encompassing everything from the supply of spare parts, operator training, further process development and additional production upgrades.

This reinforces our belief in the importance of maintaining a strong customer relationship, long after project completion.

To find out more about the range of services we offer, please visit [www.aiprocess.com](http://www.aiprocess.com)