



CASE STUDY

New P50 extinguishers provides cost savings of almost £7,000

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W.T. Johnson & Sons Ltd, a specialist textile finishing company, has been producing fine quality fabrics for the textile industry for over 100 years.

Over the decades, the site has grown significantly in size and with such a large site now housing a number of large textile manufacturing machines, the business disruption that would arise from a fire would be devastating for the company. Being one of the few companies in the UK specialising in textile finishing, business disruption would also affect their customers and the supply chain. Therefore ensuring the site was protected from potential fire was of paramount importance.

James Samuel, Health, Safety and Environment Officer at W.T. Johnson says: "I had concerns that our existing fire systems were out of date and not as cost effective as possible. The first step for us was to have a complete Fire Risk Assessment to highlight areas for improvement".

Assured Fire & Security completed a comprehensive Fire Risk Assessment for the whole site, identifying where the company was compliant with fire regulations, and where changes should be made. Whilst on site, it was also identified that significant cost savings could be made by switching from traditional fire extinguishers to the new P50 extinguishers.

P50 fire extinguishers are a new type of extinguisher that significantly reduces expensive servicing and maintenance costs. Features of the P50 extinguisher includes:

- ✓ Kevlar® - Aramid type super strength yarn inner body
- ✓ Carbon neutral
- ✓ EN3 and MED approved
- ✓ Manufacturer disposal of contents
- ✓ Nickel-plated brass operating valve

James continues: "By replacing our traditional fire extinguishers with the new P50 extinguishers, we expect to see savings of almost £7,000 over the next 10 years. Over the 20 year lifespan of



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James Samuel
Health, Safety & Environment Officer



W. T. Johnson & Sons
THE TEXTILE FINISHERS



the extinguishers, this will make a sizable cost saving for the business. The P50's are also carbon neutral and recyclable, fitting with our company's ongoing commitment to protecting the environment."

Lisa Ashmore, Fire and Security Consultant with Assured states: "The benefits of switching to the P50 extinguishers are quite significant. Often, fewer extinguishers are often needed, and because the extinguishers fight more classes of fire, the risk of staff using the incorrect extinguisher for the fire type is reduced. As for maintenance, all that is required with the P50 is a simple in-house 3 step annual check resulting in less costly engineer visits, less recharge costs and less replacement parts."

James concludes: "As well as the projected cost savings from implementing the new P50 extinguishers, we found the whole process with Assured from start to finish was very efficient, organised and thorough. Lisa was very comprehensive in the information she provided and her continued support throughout the whole process was excellent. The installation team was also great to work with, being very flexible in fitting with the production requirements of our business, and we look forward to working with Assured in the future."



Benefits of Switching to the P50 Extinguisher

- ✓ Low maintenance - no discharge testing or refills for 10 years
- ✓ 20 year life span
- ✓ Suitable for many fire types including electrical, reducing the number of extinguishers needed
- ✓ Recyclable
- ✓ Lightweight for ease of use
- ✓ Corrosion resistant
- ✓ No danger of personal injury due to corrosion
- ✓ UV protection of the outer casing, protecting against damage
- ✓ Little or no parts replacement costs due to reduced servicing requirements

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Lisa Ashmore
Fire & Security Consultant

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