

ESSECO UK BURNING BRIGHT



WITH THE HELP OF AN INNOVATIVE NEW SULPHUR BURNER, ESSECO UK IS A CHEMICALS MANUFACTURER PROVING THAT RESPONSIBLE OPERATING CAN FACILITATE SUSTAINABLE GROWTH.

Burning Bright

PROJECT MANAGED BY: CAMERON BEAZER

It has been a busy 12 months for Esseco UK. Sustainable, values-led growth has been at the forefront of the company's recent plans and a strong performance in 2024/25 is evidence that the specialty chemicals manufacturer is on the right track.

Founded in 1878, Esseco UK has long been a valued subsidiary of Esseco Group – a family-owned Italian industrial chemical firm. In the UK, Esseco has become a proud manufacturer of high-quality sodium, ammonium and potassium derivatives for global supply. These products go on to be used across a wide range of industries, including water treatment, oil and gas, feed and food, agriculture, and specialty de-icing.

WAKEFIELD'S TOP 100

Building on its long history, Esseco UK continues to evolve. The company, which has been based in Wakefield, West Yorkshire, ever since it was established, was recently named as one of the city's top 100 performing businesses.

The Wakefield Top 100 list is a joint project between Wakefield Council, the University of Huddersfield, and 3M Buckley Innovation Centre. Compiled by researchers at the university, and based on key data, the list celebrates the region and its businesses.

As a member of Wakefield's Top 100 for a second year in a row, Esseco UK has solidified its prominent place among the local business community. The company's Wakefield site has recently been home to Esseco

UK's latest major project – the introduction of a new sulphur burner and waste heat recovery system.

Committed to innovation, Esseco UK's pioneering burner project came about when the company saw the need to replace an aging sulphur burner as an opportunity to embark on something ambitious. Esseco UK has always searched for new ways to align its technical goals with environmental and social values, and thus, opted to implement a more modern sulphur burner system that could achieve far more in terms of efficiency and sustainability.

Among a host of advanced features, Esseco UK's new sulphur burner has double the capacity of the company's previous unit. The new technology has also helped to improve process reliability and significantly reduces the organisation's environmental impact.

TECHNOLOGY AND RESPONSIBILITY GO HAND-IN-HAND

From a technical standpoint, the new, improved sulphur burner at Esseco UK recovers heat generated from sulphur combustion – the steam from which can be converted into enough electricity to cover 20% of the Wakefield plant's energy >>



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With water playing a critical role in everything from product quality to process efficiency, manufacturers across the UK are turning to specialist partners to safeguard their operations. Yorkshire-based Excel Water has emerged as one of the industry's most trusted names—delivering high-performance, bespoke water treatment systems for over 30 years.

Working across sectors including chemicals, food & beverage, automotive, and precision engineering, Excel Water tailors each system to the customer's exact requirements. From advanced reverse osmosis and demineralisation plants to filtration, borehole treatment and water recycling solutions, their designs focus on efficiency, long-term reliability, and premium water quality.

At the heart of Excel Water's approach is a commitment to sustainability and waste reduction. Their systems are engineered to optimise water usage, minimise effluent, and help clients meet increasingly ambitious environmental targets—without compromising on performance.

What sets Excel Water apart is its service-driven philosophy. The company builds lasting partnerships with manufacturers, offering ongoing technical support, regular servicing, and upgrade pathways to ensure systems continue to perform as production demands evolve. This continuity and long-term value are key reasons many clients have remained with the business for decades.

With a reputation for integrity, technical rigour, and dependable outcomes, Excel Water continues to raise standards in industrial water treatment—helping UK manufacturers gain greater control over one of their most vital inputs.

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needs. The transformative project has allowed Esesco UK to cut its fossil fuel usage by 95% and reduce the site's carbon footprint by 68%.

For Esesco UK, technology and responsibility go hand-in-hand. The company's ability to employ advanced processes has inspired Esesco UK to find new ways to reduce its impact on our planet — and to encourage others to follow suit.



Beyond the sustainability boost, embracing more advanced and reliable infrastructure is providing several other benefits for Esesco UK and its local community. Since introducing the new sulphur burner, the organisation has been pleased to create more high-quality jobs that support the Esesco UK team's development, as well as contributing to the economic vitality of Wakefield.

Blending industrial progress with community wellbeing has become a hallmark of the way in which Esesco UK operates. The company's reach is far more than just local though, as the business has become a key supplier to the UK's critical national infrastructure. >>



working environment, the company was proud to achieve 2,000 days without a reportable injury in 2024 – a milestone carried forward into 2025.

In many ways, Esseco UK is at the forefront of a modern business movement that looks to combine moral and ethical

responsibility with profitability and long-term growth. For instance, the organisation's sulphur burner sits alongside the implementation of solar panels as an initiative that will improve sustainability and performance, whilst reducing cost and aiding profitability.

Ultimately, Esseco UK's most impressive long-term goal is to transition its energy mix and become a 100% CO₂-free industrial operation. As the company grows, it moves closer to achieving this bold ambition, and it does so with ever-growing integrity, consistency, and purpose. ☺

From airports to food production, water to energy services, Esseco UK products have become essential to the smooth functioning of a nation. The organisation's new sulphur burner will play a key role in maintaining this level of service, allowing increased resilience and reliability in Esseco UK's ability to meet client demands without disruption.

TRULY HOLISTIC APPROACH

As a group, Esseco has long had a mission to work closely with its customers to deliver the best quality solutions for their requirements. Esseco UK continues this tradition in 2025 – not just when it comes to products, but in all aspects of its work. By adopting a truly holistic approach to business, the company has encouraged a culture in which success is not measured simply on financial

outcomes, but on the positive impact the organisation can have on people, communities, and the environment.

With the sulphur burner project a signal of intent, Esseco UK now enters a future that it hopes to shape through sustainable, resilient, and responsible working. One highlight of the company's embedded ESG commitment for the years ahead is strong social engagement, including collaboration with councils and local authorities to forge a community-focused social strategy.

INTEGRITY, CONSISTENCY, AND PURPOSE

Esseco UK's social responsibility program is not just targeted at those outside the business – the company is also committed to the wellbeing of its employees. Having built a safe, healthy





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