

Environmental Integrated Solutions Ltd (EIS): VOC Abatement and Odour Control Systems

CECO Environmental (EIS) provides market-leading solutions such as VOC abatement, odour control and acid gas removal for industrial applications requiring air pollution control. Offering turnkey solutions, EIS offers comprehensive, compliant solutions across the global industrial sector. With all eyes on air quality, EIS is dedicated to safer, cleaner solutions to protect people, the planet and industrial equipment. The sales and design offices are based in Bromsgrove, Worcestershire, with equipment manufactured globally. EIS was formed in 2005 by four experienced colleagues who had worked together within the abatement industry for many years.

Favourable acquisition

In 2020, EIS was acquired by CECO Environmental: A global player serving industrial air, industrial water and energy transitions markets through engineered systems and industrial process solutions headquartered in Dallas, USA. CECO Environmental has industrial expertise dating back over 150 years and now across more than 40 countries. In January this year, CECO Environmental was ranked 20 on the prestigious Forbes 2024 list of America's Most Successful Small-Cap Companies. CECO Environmental works actively to optimise air quality and the energy value chain through bespoke solutions for petrochemical processing, power generation, refining, midstream oil & gas, EV production, general industrial, poly silicon fabrication, battery recycling, water/wastewater treatment and much more.

This acquisition has further leveraged CECO's North American supply chain for EIS and given CECO access to the European production partners through EIS. This consolidates EIS as a UK hub for CECO's industrial solutions, allowing for a greater push across European industrial markets.

Spotlight on EIS

EIS operates as a worldwide solutions provider in air pollution control, specialising in turnkey VOC abatement, odour control and air pollution control systems. The best solutions are selected for air pollution control applications from our range of technologies available.

These include:

- Regenerative Oxidisers (RTO)
- Recuperative Oxidisers
- Direct Fired Thermal Oxidisers (DFTO)
- Catalytic Oxidisers
- Zeolite Concentrators



- Carbon Adsorption Systems
- Dust Extraction & Air Filtration Systems
- Heat Recovery Systems
- Ductwork Systems.

"EIS operate in a variety of industries which are not exclusive of automotive and automotive parts, chemical and process industries, can manufacturing, waste and water industry, printing and flexible packaging, pharmaceutical, oil and gas, electric vehicles and EV battery plants and many more."

"With various technologies and solutions available to us, EIS have a reputation as experts in the field with strong project management capabilities. EIS are known for robust and reliable designs while providing energy efficient solutions." explains Peter Hill, Sales Manager, Environmental Integrated Solutions Ltd: CECO Environmental.

Case study: Supporting EV manufacturers

EIS are currently working on a large project for an electric car manufacturer with air to water heat recovery. The heat exchanger recovers up to 3,000kW of heat per hour. The hot air from the RTO pre-heats boiler water. This is then

pumped back to the central heating hub.

Looking to 2025: Future developments

"During 2024, EIS exhibited at CHEMUK24 for the first time: It's the UK's largest annual event dedicated to the development, manufacture and management of chemicals and formulated products. We were fortunate that this year's event had a record attendance and we're now looking for new opportunities to showcase our solutions. This year, we also joined forces with NEPIC- who mainly operate in the North East as we felt that this cluster of businesses offered an idea opportunity to work alongside other process providers, manufacturers and professional partners engaged in the usage of our technologies."

"Looking to 2025, there are impending legislative changes in emission regulations in the water industry, particularly regarding methane and nitrous oxide. EIS is actively working with partners to provide solutions with abatement systems for the water industry sector on their journey to Net Zero."

For more information on how EIS can support your industry, please see the details below:

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