

ECS: Maintaining the country's assets with confidence

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ECS Engineering Services has a proven track record in providing comprehensive maintenance services for water control assets, pump equipment, and structures. It provides planned, preventative and reactive maintenance, project works, and turnkey project management, with expertise covering pumps, sluice gates, and water control structures. ECS's solid reputation for reliable and efficient maintenance services has earned it notable frameworks contracts and reappointments from a large number of clients.

Maintenance expertise for water control assets

ECS Engineering Services is a leading provider of electromechanical engineering solutions to the water industry, specialising in the upkeep of pumping stations, water control assets, and other critical infrastructure throughout the United Kingdom. With over 30 years of industry experience, ECS has earned a reputation for providing comprehensive, dependable, and efficient maintenance solutions.

With capabilities that include planned preventative maintenance (PPM), reactive maintenance, turnkey project management, and the provision of specialist contractors, the company covers a wide range of electromechanical services. ECS is skilled in the maintenance of a wide range of assets, including axial flow pumps, high voltage motors, generators, electrical distribution networks, hydraulic systems,

lifting and hauling equipment, switchgear, gates of all configurations, electric actuators, outfall flaps, wind turbines, water flow and level measurement instrumentation, and more.

In addition to its PPM services, ECS Engineering Services provides a 24/7 year-round reactive works service. This service ensures that its clients' water control assets are repaired quickly and efficiently in the event of a breakdown or emergency. In the past five years, ECS Engineering Services has responded to over 2,000 reactive call-outs across the Midlands/Anglian (central) and South-East regions.

With its extensive experience and expertise in planned and reactive maintenance for water control assets and pump equipment, including its high voltage capabilities, ECS Engineering Services is a leading provider in the industry. Its ability to provide a comprehensive range of services to its clients, from inspections to turnkey project management, ensures that its clients' assets are always in optimal condition.

High Voltage Maintenance Services

ECS Engineering Services' expertise in high voltage maintenance services for water control assets is one of its key strengths. It provides maintenance solutions for high voltage assets such as axial flow pumps, high voltage motors, generators, and electrical distribution networks as part of its planned preventative maintenance services.

Inspections, testing, fault diagnosis, overhaul, repairs, installation, and commissioning are all part of ECS Engineering Services' high voltage maintenance expertise. Its pump specialist capabilities include removal, overhaul, and installation, as well as delivery and craneage as needed.

Efficient and reliable maintenance services

The Environment Agency is one of ECS Engineering Services' many successful contracts. ECS offers support with both planned and reactive maintenance for water control assets, structures, and pump equipment throughout the Midlands/Anlian (Central) and South-East regions. This contract covers over 15,000 PPM activities spread across two regions.

Furthermore, ECS' commitment to providing 24-hour emergency call-out services, as evidenced by its numerous framework agreements with clients such as National Highways, Severn Trent Water, and the Environment Agency, demonstrates its ability to respond quickly and efficiently to emergency situations. Expertise in online equipment interrogation enables ECS' technical experts to diagnose faults remotely, reducing the need for site visits and lowering its carbon footprint.

Severn Trent Water has also appointed ECS as a framework contractor for mechanical services, providing design, installation, maintenance, and testing services for mechanical assets at water and wastewater facilities. ECS has also been a key contractor in a framework agreement with Highways England to inspect and maintain several drainage pumping stations in Derbyshire, Nottinghamshire, and other East Midlands counties.

The teams at ECS Engineering Services are supported by a large supply chain of specialist contractors, allowing it to provide turnkey project management as well as a full maintenance solution. This delivery mechanism ensures that ECS has complete control over the quality and dependability of its services.

Image captions:



Image 1: ECS can provide comprehensive maintenance services for water control assets, pump equipment, and structures.



Image 2: The company has expertise in covering pumps, sluice gates, and water control structures



Image 3: The company has expertise in covering pumps, sluice gates, and water control structures

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About ECS Engineering Services

ECS Engineering Services has over 30 years experience in delivering high quality, reliable and cost effective engineering solutions, specialising in bespoke design and construction of water, energy and environmental processing and management projects.

In conjunction with key supply partners, ECS has the expertise and capacity to design and install a wide range of water control engineering projects. With in-house fabrication services, which have CE Marking approval to EXC4, well equipped and highly skilled engineers can also complete structural steelwork, bespoke fabrication work and access metalwork to the highest standard.

With a complete range of site services available, ECS offers a full turnkey project managed service for mechanical and electrical installations including managing civils contractors and supplying pipework, control and automation work to ensure that every installation is installed and commissioned to the highest standard. Existing clients include the majority of the UK Water Utility companies, Government Agencies and Internal Drainage Boards.

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