



Aquatic Control Engineering

Market-Leading MEICA Contractors
for Land Drainage & Flood Defence



ABOUT US

WHO WE ARE



WHO WE ARE

Aquatic Control Engineering (ACE) is a market-leading MEICA contractor specialising in land drainage and flood defence. With over three decades of experience, we deliver complex, high-performance infrastructure for Internal Drainage Boards, the Environment Agency, Tier 1 contractors and utility companies. We are a trusted contracting partner, regularly delivering multi-million-pound projects across the UK.

OUR VISION

To protect people, property and biodiversity through innovative and sustainable engineering solutions. We balance performance, whole-life value and environmental responsibility across every project we deliver.

OUR TEAM

MEET THE TEAM

ACE is built on the expertise of highly skilled engineers, project managers and site professionals with extensive experience across the UK water industry.

Many of our team have been with ACE for years, providing continuity, technical assurance and a consistent standard of delivery our clients trust.

Our people understand the operational, environmental and safety-critical nature of flood defence, land drainage & water infrastructure — and deliver accordingly.

MEET OUR LEADERS



Stephen Randall
Managing Director



Martin van Nieuwenhuijzen
Pre Contract Sales Director



James Cherrill
Technical Director



Jacob van Nieuwenhuijzen
Operations Director

THE ROAD TRAVELED

1995

ACE was established to introduce innovative water control technologies to the UK market, building strong foundations in mechanical and engineering solutions for water control and flood defence.

2010

ACE delivered its first million-pound project, marking a key transition towards complex project delivery and turnkey capability.

TODAY

ACE is a recognised MEICA contracting partner, delivering the mechanical and electrical scope for major flood defence, flow control and pumping station projects nationwide.



DELIVERING AT SCALE



PROVEN MAJOR PROJECT DELIVERY

ACE regularly delivers multi-million-pound MEICA projects across the UK, providing reliable solutions for critical flood defence and land drainage infrastructure. Our experience spans complex, high-value schemes where safety, performance and programme certainty are essential.

TRUSTED PARTNER

We maintain long standing relationships with public bodies and Tier 1 contractors, built on consistent delivery, technical competence and a collaborative approach. Repeat appointments reflect the confidence our clients place in ACE as a dependable contracting partner.

OPERATIONALLY ASSURED CAPABILITY

Our teams are experienced in delivering works within live operational environments and across geographically dispersed sites. With UK-wide project capability and robust delivery systems, ACE provides assurance from mobilisation through to commissioning and handover.

THE CHALLENGE

AGEING ASSETS

Ageing flood defence infrastructure

RISING STANDARDS

Increasing performance and compliance demands

CRITICAL RISK

High-risk assets in critical locations

OUR SOLUTION

EARLY ENGAGEMENT

ACE works closely with clients, designers and stakeholders from the earliest stages of a project to understand constraints, reduce risk and inform practical solutions. Early engagement enables better decision-making, improved buildability and more predictable outcomes.

ENGINEERED DELIVERY

Our engineering-led approach ensures solutions are practical, robust and aligned with operational requirements. By combining in-house technical expertise with experienced project management, ACE delivers MEICA works safely, efficiently and in full compliance with project requirements.

PROVEN SYSTEMS

ACE delivers robust, low-maintenance MEICA solutions designed for long service life and reliable performance. Our focus on quality materials, proven technologies and whole-life value ensures assets that perform when required and minimise long-term operational burden.



OUR SERVICES

WE PROVIDE A FULLY INCLUSIVE PACKAGE FROM DESIGN TO FULL COMPLETION

We collaborate with our customers to provide tailored packages both large and small. We offer a friendly, personal and professional service, with the capability to carry out turnkey projects.



HOW WE WORK



01



Early Engagement

Collaborating early to reduce risk and improve outcomes.

02



Engineering-Led Design

Practical, buildable solutions developed using advanced modelling.

03



Assured Delivery

Experienced site teams delivering safely and efficiently.

04



Commissioning & Handover

Reliable assets, fully tested and ready for operation.

PROJECT EXPERIENCE

THE CHALLENGE

ACE is regularly required to deliver critical MEICA infrastructure within live, operational environments where asset availability and system performance must be maintained throughout the works. These projects often involve complex interfaces, restricted access, environmental constraints and heightened safety considerations.

OUR APPROACH

ACE adopts a collaborative, engineering-led approach, working closely with clients, designers and stakeholders to plan works in detail and manage risk effectively. Through robust engineering, careful sequencing and experienced site teams, we deliver MEICA installations safely while minimising disruption to ongoing operations.

THE RESULT

Projects are delivered to a high standard, meeting performance, safety and programme requirements. The completed assets provide reliable, long-term operation with reduced maintenance demands, giving clients confidence in the resilience and whole-life value of the infrastructure delivered.



ACCREDITATIONS

QUALITY, SAFETY & COMPLIANCE



ACE operates fully accredited management systems, including:



Our projects are delivered in full compliance with CDM regulations, supported by in-house NEBOSH, IOSH and IEMA-qualified professionals.

A TRUSTED PARTNER FOR CRITICAL INFRASTRUCTURE



Aquatic Control Engineering (ACE) delivers reliable, engineering-led MEICA solutions for flood defence and land drainage infrastructure.

With over three decades of experience, we provide the technical expertise, project governance and assurance required to deliver complex assets safely, compliantly and to a high standard. Through a collaborative approach and focus on whole-life performance, ACE provides confidence at every stage of project delivery.

GET IN TOUCH WITH US



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