



Engineering Innovation Above  
and Below the Waterline



**“With our experience and drive we are committed to delivering a sustainable, innovative and competitive specialist service”**



**Kaymac Marine** is a multi-award winning, privately owned, multi-disciplined specialist marine and civil engineering contractor with a well-earned reputation in our field. From our offices

in Southern England and Wales we work across the UK delivering our suite of services to a range of clients including highway and rail structures within estuaries, coastal and inland waterways environments, nuclear decommissioning sites, and energy and water utility assets.

We pride ourselves on our continual professional development programme, with staff actively encouraged to undertake training to enhance their engineering knowledge and to always be at the forefront of developments in legislations.

We have a growing fleet of company-owned plant equipment and vehicles, enabling us to mobilise promptly and increase response flexibility.

Kaymac's operations are governed by an integrated project management system ensuring the best outcomes for our clients. Our operations are covered by a program of annual external audits by DNV GL, Achilles UVDB, Building Confidence, and RISQS. We also conform to the following management system standards:

- ISO 9001:2015 Quality Management System Standard
- ISO 14001:2015 Environmental Management System Standard
- ISO 45001:2018 Health & Safety Management System Standard

Our main focus is to understand our customers' needs and exceed their expectations through collaborative working, developing and maintaining lasting relationships. This, coupled with our ability to deliver high-quality and cost-effective civil engineering solutions, means that we've done exactly that for 45 years; engineering innovation above and below the waterline.

Work with Kaymac to have complete assurance that your project is being professionally executed.

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# CIVIL ENGINEERING

“Kaymac have always provided an excellent, economic, efficient and effective service. They have delivered quality workmanship, safely, to programme and within available budget.

They were easy to work with on site and the final account was settled amicably, with no disputes. I look forward to working with them again.”

Gordon Randlesome,  
BSc(Hons), C.Eng, MICE.,  
Principal Engineer, Swansea  
City Council



## In and around water

**Kaymac undertake all aspects of civil engineering in marine environments.**

As specialists in our field, we tackle coastal erosion, flooding and sea level rise, as well as infrastructure such as ports and harbours requiring skilled civil engineering input.

Some of the civil engineering services we provide are as follows:

- Masonry and Timber Bridge Repairs and Strengthening
- Temporary works and access systems
- Embankment and Revetment Stabilisation and repairs
- Topographic Surveys
- Structural inspection, maintenance and repairs
- Spray concreting

## Temporary works and Access systems

**Our temporary works and access systems/ solutions are fundamental in achieving the end goal for our customers' construction projects.**

We pride ourselves on demonstrating best working practices and our CITB qualified in-house temporary works coordinators implement all on-site works.







## Diving

Each of our in-house commercial divers have the capabilities to:

- Construct formwork underwater for scour repairs and protection schemes
- Place concrete underwater
- Carry out underwater cutting burning and welding operations
- Sling and safely move loads – above and below the waterline
- Replace mechanical elements of lock gates such as rams and fixings
- Core drill
- Undertake accurate underwater inspection and surveys on masonry structures, and take Cygnus meter digital thickness readings
- Ship hull surveys, clearing fouled propellers, and general vessel surveys

## Confined space

All Kaymac Confined space personnel are trained to Medium to high risk confined space entry.

Our capabilities include:

- Structural Inspection & CCTV
- Culvert Cleaning and Desilting
- Culvert Line & Level Surveys
- Culvert Refurbishment & Repair
- Culvert Lining
- Debris Clearance
- Lock Gate Internal Inspection & Repair
- Lock Gate Desilting
  - Services Installation
  - Lock Gate Desilting
  - Water Jetting
  - Repointing
  - Pressure Grouting





# RAIL

**Specialists in the rail industry since 1989, we are experts in delivering challenging marine infrastructure solutions while minimising disruption to rail services.**

Kaymac specialises in technical delivery against the clock during rail stoppages. When a rail track runs over a culvert, river, or watercourse, Kaymac are experts in temporary works, inspection survey, repair, and protection of structures. We are RISQS audited and verified; all Kaymac operatives are PTS (Personal Track Safety) trained to current legislation as specialist subcontractors.



Filton Road Flood Alleviation Scheme, culvert extension



Spey Viaduct Scour Protection



Redbridge Scour Protection



Tamworth Scour Protection Installation



# ENERGY



Magnox - Nuclear  
Decommissioning  
Culvert sealing



Pembroke Power Station

**Kaymac has been contracted by power stations around the UK for 45 years.**

During this time we have been involved in elements of the decommissioning of Hinkley Point B and early contractor involvement in the commissioning of Hinkley Point C, as well as being contracted for marine civil works for the decommissioning on a number of Magnox sites. We have successfully designed and installed a cofferdam and fish deterrent system at the largest gas-fired power station in Europe: Pembroke Power Station.



New diffusion section installed at the end of outfall at Hinkley Point B for clients Visser & Smit Hanab



# WATER UTILITY

In recent years we have been involved in various construction projects for water utility companies.

These include several reservoir Dam Spillway and Long Sea outfalls repairs and installations around the UK.

We have also been contracted for the design and installation of temporary works solutions to facilitate the build at Prioress Mill pumping station.

Using our valuable experience in the inspection, repair, and installation of sea outfalls, we've become the preferred contractors for water utility companies such as DWR Cymru/Welsh Water, Wessex Water and Anglian Water.



Parrog Long Sea  
Outfall installation



Llyn Tief  
Spillway Rehabilitation



# MARINE & COASTAL ENGINEERING

Kaymac's team are experts in working in the ever-changing environment of tidal change and offer a turnkey solution and support through each step of the project.

From initial inspections, planning approvals, and permissions to detailed designs, project delivery, and aftercare, we help understand fluvial and coastal engineering processes before developing solutions that resolve project-specific and catchment-wide issues.

Hull Council – Radial Lock Gate Maintenance



Hull Marina Lock Gate



Devonport Naval Dockyard  
Finger Jetty Construction



Flat holm Island Jetty  
Construction



## PEOPLE & TRAINING

**Joel Gillett joined us from school as a commercial diving apprentice.**

Joel said: "Apprenticeship schemes are great for young people like myself to earn money while we learn. I have learned a lot from the people here at Kaymac, the apprenticeship was a smooth transition from school to work."



**We are enthusiastic about providing young people with opportunities to gain valuable experiences and develop their skills in a work environment so they can make a positive start to their careers.**

We are proud to be the only company in the UK to run a fully-funded commercial diving apprenticeship scheme.

We employ young people via local schools and colleges with a guaranteed job upon completion of their course. As a multi-disciplined engineering contractor, our range of contracted services, professional skills and industries served is incredibly varied and diverse meaning we employ a broad range of full-time operational team players.



# SUSTAINABILITY

**We want our employees to be proud to work for us, the communities we work in to accept us, and for our company to continue to thrive.**

These three things are the foundations for our future success.

We seek to ensure the safety and well-being of our employees and communities, benefit the towns and cities we work in.

We aim to be a “considerate neighbour” and have achieved this by training and educating our team so they can reach their full potential which ultimately makes them competent to carry out the tasks required of them.

We are fully committed to the future of our business which is why we value the health, safety, and wellbeing of our people and those working on our sites.

We also implement a system-wide approach that links the various parts of the business with the greater environment at large.







# P

# R

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# C

## PROGRAMME MANAGEMENT

For effective project management, we share our robust contract program philosophy with our customers to make sure our approach is understood and carry out full reviews periodically. Any delays are identified and options to return to the program are explored.

## RISK & OPPORTUNITY MANAGEMENT

Our engineers explore and analyse every potential risk or opportunity at the earliest stages of the project lifecycle.

By managing both proactively and keeping combined registers up to date, we help our customers understand the level of contingency.

## ORGANISATION & PLANNING MANAGEMENT

We prioritise time management, coordinating resources, delegating, creating systems, and planning ahead.

## COST MANAGEMENT

Good cost management is considering cost before it is incurred and informing customers of how expenditure will affect their budget.

The Cost Plan is fundamental to how we control costs and is updated weekly to incorporate adjustments as they occur.

# KAYMAC'S PROCESS TO SUCCESS...





# E

# S

# S

## ENVIRONMENTAL MANAGEMENT

Our objective is to do the job right first time, delivering defect-free projects while protecting the environment. Our approach begins with driving down waste, whether that is construction waste diverted from landfill or avoiding waste generated by poor workmanship.

## SAFETY MANAGEMENT

We understand the importance of health and safety and have a health and safety adviser who keeps us up to date with all the changes in government legislation. We are dedicated to meeting the highest standards to protect our staff, clients, and the public. Our commitment to health and safety isn't just a part of our ISO45001:2018 accreditation, it's at the heart of everything we do. We take care to ensure that our sites and all site staff operate to the highest code of conduct.

## SUCCESS!

**By following these management processes, we are able to achieve goals on-time and on-budget**



# TESTIMONIALS

At Kaymac we strive to exceed the expectations of our clients whilst being fully committed to professionalism, health and safety, the environment and the wellbeing of our people.

Take a look at what our clients say about us...



## **Bath Corridor Confined space construction**

"Very good communication from the ECI stage of works meant we were able to discuss the feasibility of the designs by others and feedback in order to make the design work in a difficult environment.

I have recommended Kaymac to the wider company for consideration on future tenders/projects."

*Gareth Griffiths, Project Engineer, Hochtief*

## **Carrington Fluvial Erosion Asset Protection Project**

"The Kaymac works, once started went smoothly and without any delay (helped by the favourable weather conditions) and the works were delivered well within the expected programme duration and contributed to the achievement of our 'Perfect Delivery' of the Project to our client. With the above comments in mind, I am not sure that the works could have been done much better. I would have no hesitation in recommending Kaymac Marine and Civil Engineering for consideration for any works that may come up in the future."

*Peter Koumas, Managing Quantity Surveyor, Morgan Sindall*

## **Llyn Teifi**

"This was a first for DCWW to deliver such a challenging scheme in a remote location which had a very high risk in all aspects. Fantastic workforce, professional approach to every aspect of the scheme, Very impressed with their H & S, communication and performance on site.

As this was a unique scheme there were a few lesson learnt during the works. A few issues with design change, but resolved in a timely manner. Delivered on programme-excellent team work with all involved; I would unquestionably use in the near future."

*Keith Daniels, Project Coordinator, Dŵr Cymru/ Welsh Water*







**Installation of Lock Gates**  
 "We've had a great working relationship with Kaymac and I would recommend them to any marine business."  
 Damian Lloyd, HSEQ Manager, Swansea Drydocks Ltd

### Flatholm Jetty construction

"I would like to thank all of the Kaymac team for delivering an exceptional standard of product and service from start to finish on this project.

Kaymac has successfully delivered on all promises made from the outset, and its been a genuine pleasure working with everyone across the business.

A project as specialised as this would only be successful with the right team, both on and off the island, and it has been clear all along that this was carefully considered and delivered.

It was also a pleasure to meet the site team yesterday, led by Alan, who are a great bunch of lads, who have clearly gone the extra mile to deliver this project, in a particularly challenging environment.

Thanks again to all concerned at Kaymac, and we look forward to working with you again at some stage in the future."

*Andrew Wheten, Project Manager, Cardiff Council*

### Neath Port Talbot Council

"We have used Kaymac for many years and built a wonderful working relationship with them. As an engineer myself I can confidently state that they provide NPTCBC with excellent value for money and the workmanship is always to a high standard. Another aspect unique to Kaymac is the level and quality of communications between us - they seem to share our goals. We find them always to be very helpful and professional, and dedicated to the outcome of each project. I would recommend Kaymac very highly."

*Carl Price, Project Engineer, Neath Port Talbot Council*

### The Bristol Port Company

"We have had an excellent working relationship with Kaymac for over 23 years, the team highly experienced in Marine Civil Engineering operations; they are able to manage jobs on flexible working hours and have excellent attention to detail. We are always happy with the service and professional approach."

*Ian Russ, Project Engineer, The Bristol Port Company*





#### **HQ Swansea**

Osprey Business Park  
Byng Street, Landore  
Swansea SA1 2NR  
01792 301818

#### **Bristol Office**

1st Floor, St Andrews House  
St Andrews Road, Avonmouth  
Bristol BS11 9DQ

#### **Kent Office**

Suite 117, Churchill Square Business Centre  
70 Churchill Square, Kings Hill,  
West Malling, Kent, ME19 4YU

[www.kaymacmarine.co.uk](http://www.kaymacmarine.co.uk)

