



## COMPANY PROFILE

# An Insight Into Our Company







# Company Overview

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JK Group is a diversified company bringing together the strengths of **JK Fabrications Ltd** and **JK Construction Projects** to deliver reliable **Mechanical Engineering** and **Civil & Construction solutions**. The group offers integrated services ranging from metal and structural fabrication to full-scale construction and turnkey project execution across the Water and Waste Water Industries. With a skilled workforce, strong technical expertise, and a commitment to safety, quality, and timely delivery, JK Group consistently provides cost-effective and durable solutions. By combining precision engineering with professional project management, the group builds long-term partnerships and delivers projects that meet the highest standards of performance and client satisfaction.







# Our Journey

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## • 1995

A humble beginnings as an Installation company, JK Engineering started out with working for some of the most prestigious Design and Fabrication companies in Northern Ireland fitting and commissioning their products.

## • 1998

Three years after the initial establishment of JK Engineering, JK Fabrications Ltd was created. With the start of a new company, this now meant that we could offer Fabrication as well as Install and Commissioning.

## • 1999

A year later, to target all the needs of the fabrication process, we made the decision to open a design department to offer the whole package to potential clients, one of the first of it's kind within the industry in NI.





# Our Journey

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## • 2005

With demand growing, we made a move to a bigger premises outside Newry, quadrupling the size of the current premises. As a young company we were now showing our ambition by settling in to our new home.

## • 2009

With the company’s continued growth, we started to out grow our current premises. We therefore aquired an adjacent site, expanding to 50,000sq ft of internal workshop area along with 2 acres of external storage area

## • 2010 - 2017

Never to stand still, over the course of these years we constantly upgraded our machinery by adding the Excalibur Drill Line, the Muller Olpaden 8-axis pipe profiler and Esprit Laser Profiler, to name a few.





# Our Journey

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## • 2018

After spotting a gap in the market, we decided it was time to venture out and start a Civils & Construction company specialising in Water and Waste Water Treatment Industry

## • 2019

John King Group is formed, bringing together our Engineering, Civil & Construction and Structural expertise under one roof, offering the full package to our Clients.

## • 2021

Driven by our continued growth, we have once again expanded beyond our previous premises and invested in a new, state-of-the-art workshop. This development brings our total internal workshop space to 72,000 sq ft.



# Company Ethos

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## 1 Professional

To deliver high-quality fabrication and construction services through skilled people, safe practices, and reliable project execution, creating value for our clients and partners.

## 2 Client-Focused

To provide cost-effective, dependable engineering and construction solutions that meet client needs, timelines, and quality expectations.

## 3 Simple & Direct

To safely deliver quality projects on time and within budget while building strong, long-term client relationships.





# Our Services



## Design

Our in-house design service delivers practical, efficient solutions tailored to each project. We turn client requirements into clear technical drawings and specifications that support smooth fabrication and construction. Using the necessary design software packages (Revit, Solidworks, Autocad, Tekla etc.) to meet the end clients BIM requirements. Our team combines creativity and engineering expertise to produce functional, cost-effective, and compliant designs that reduce errors and delays while ensuring quality outcomes.

## Manufacture

Our manufacturing service delivers high-quality fabrication using modern equipment and skilled workmanship. We convert approved designs into high quality fabricated products with strong quality control at every stage. Focused on efficiency, safety, and timely delivery, we maintain high standards and support smooth on-site construction and installation.



# Our Services



## Construction & Civils

Our Construction & Civils service manages projects from groundwork to completion, covering civil works, structural construction, and site development. With a strong focus on safety, quality, and efficiency, our experienced in-house teams carefully plan to deliver durable, cost-effective results on time and to specification.

## Mechanical Installation

Our mechanical installation service ensures the safe and efficient installation of machinery, structural components, and mechanical systems on site. Our experienced team follows approved drawings and strict safety standards to deliver accurate, reliable installations. With careful planning and coordination, we help ensure smooth integration, minimal downtime, and high-quality project completion.





# Our Services



## Testing

Our Testing service ensures that completed civil works and structures are thoroughly inspected and verified to meet design specifications and quality standards. We conduct checks, testing, and final reviews to confirm safety, compliance, and readiness for handover, supporting a smooth project completion.

## Commissioning

Our commissioning service ensures that installed products, systems and equipment are thoroughly tested and verified to perform as designed. We carry out inspections, functional testing, and adjustments to confirm safety, reliability, and compliance with project specifications, helping to achieve a smooth and efficient handover.



# Our Accreditations





# Our Products

## Stainless & Mild Steel Pipework

Our stainless and mild steel pipework fabrication service delivers high-quality, precision-built piping systems for a wide range of industrial and commercial applications. We fabricate to approved specifications using skilled workmanship, certified welding procedures, and strict quality control to ensure the highest standards are constantly met. As a DWI-approved fabricator of stainless steel pipework, we meet the stringent standards required for potable water and regulated environments. From spooling and bespoke fabrication to pressure testing and finishing, we provide reliable, fully traceable solutions tailored to site conditions, supporting efficient installation and long-term performance.





# Our Products

## Rectangular & Rotating Scraper Systems

Our rectangular and rotating scraper systems are designed and fabricated to provide efficient and effective sludge removal systems in the wastewater treatment processes. Engineered for continuous operation in demanding environments, each system is tailored to site-specific tank sizes, flow conditions, and process requirements. We use robust construction, precision engineering, and corrosion-resistant materials to ensure durability and smooth operation. From design and fabrication to installation and commissioning support, we deliver scraper systems that offer consistent performance, low maintenance, and long service life while meeting industry and regulatory standards.





# Our Products

## Storage Vessels

Our storage vessels in stainless and mild steel are designed and fabricated to provide safe, durable, and efficient storage solutions for a wide range of industrial and water sector applications. As a DWI-approved fabricator of stainless steel Vessels, we meet the stringent standards required for potable water and regulated environments. Built to client specifications, our vessels are manufactured using quality materials, certified welding procedures, and strict quality control to ensure structural integrity and long service life. We can accommodate various sizes, capacities, and finishes, delivering reliable, corrosion-resistant solutions suited to site and process requirements.





# Our Products

## Combined Activated Sludge and Final Settlement Plants

Our Combined Activated Sludge and Final Settlement Plants are designed to provide efficient and reliable treatment solutions for wastewater applications. They're engineered to meet project specific requirements, these systems reduce the foot print of standard systems, reducing costs and providing consistent performance. With a focus on process efficiency, operational reliability, and ease of maintenance, our "combined activated sludge and settlement" plants deliver effective treatment outcomes while meeting industry and regulatory standards.





# Our Products

## Lamella Systems

Our lamella systems are designed to deliver efficient solid-liquid separation in water and wastewater treatment processes. Using inclined plate technology, these systems maximise settlement area within a compact footprint, improving clarification performance and throughput. Fabricated from high-quality, corrosion-resistant materials, our lamella systems are tailored to site and process requirements, offering reliable operation, low maintenance, and compliance with industry standards.





# Our Products

## Pressure Vessels

Our pressure vessels are designed and fabricated to safely operate under demanding pressure and process conditions across industrial and water sector applications. All pressure vessels are designed to ensure compliance with the “Pressure Equipment Directive” PED 2014/68/EU. This includes producing design calculations and full FEM analysis on each vessel type to EN13445-3. Manufactured to client specifications using high-quality materials and certified welding procedures, each vessel undergoes strict quality control and testing to ensure safety, strength, and reliability. With options for stainless or mild steel construction, we deliver durable, compliant solutions tailored to project requirements and long-term performance.





# Our Products

## Picket Fence Thickener

We offer a bespoke package plant which integrates the Picket Fence system with a GRP Tank (Tank roof optional) and all associated walkway and access. Our picket fence thickeners are designed to improve sludge thickening efficiency in the wastewater treatment processes. By gently agitating and conditioning sludge, the picket fence mechanism promotes better solids settlement and higher concentration of thickened sludge. Built with robust, corrosion-resistant materials and precision engineering, our systems provide reliable operation, low maintenance, and consistent performance while meeting industry and site-specific requirements.





# CIVIL & CONSTRUCTION

## GROUNDWORKS

Our groundwork capabilities cover all essential site preparation and civil works required to support successful project delivery. From excavation and foundations to drainage, ducting, and concrete works, our experienced teams carry out groundwork safely, efficiently, and to specification. With careful planning and coordination, we ensure a strong, reliable base for construction while meeting quality, programme, and regulatory requirements.

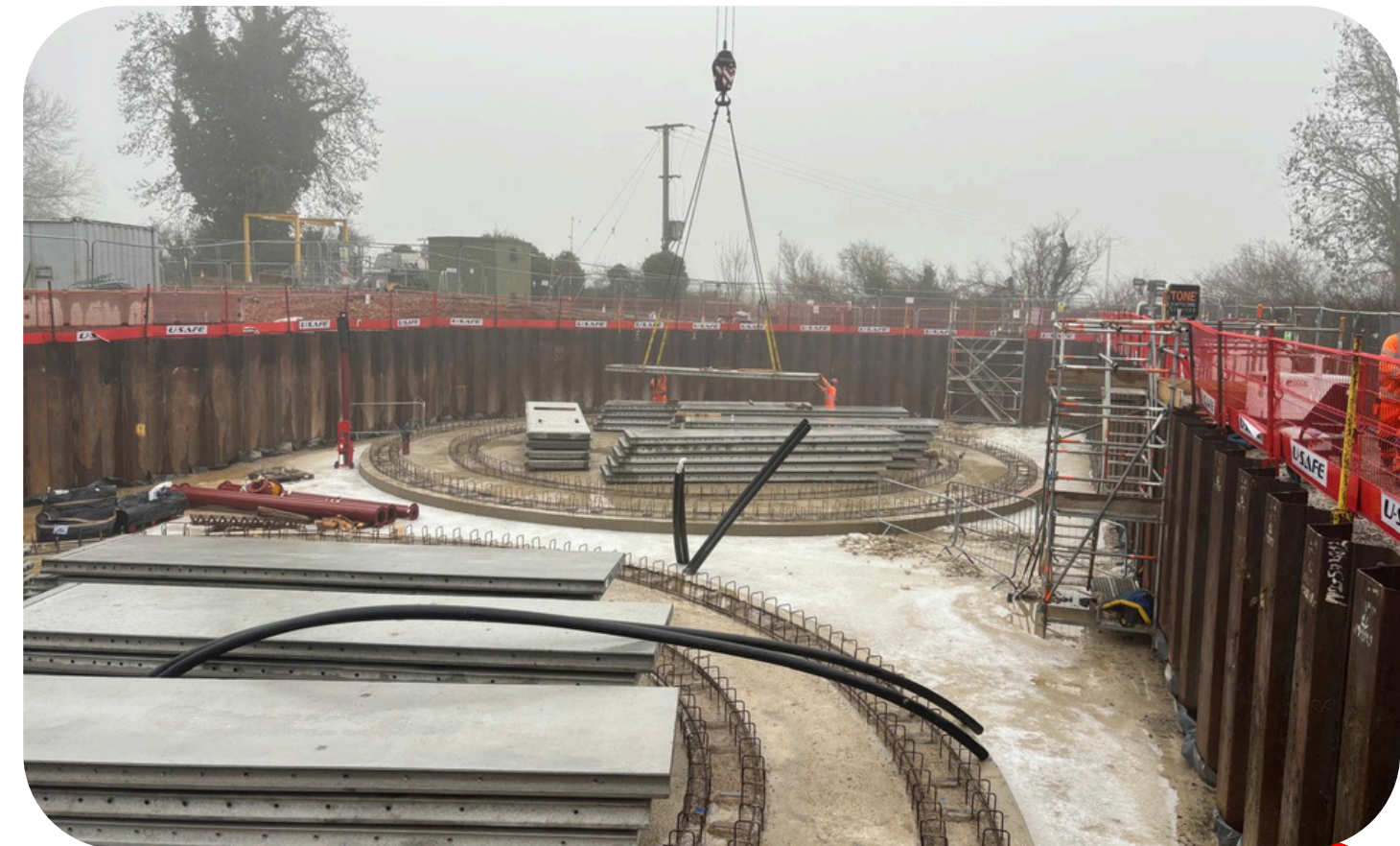




# CIVIL & CONSTRUCTION

## COFFERDAMS

Our cofferdam solutions provide safe and effective temporary water control for construction and maintenance works in wet or waterlogged environments. Designed to suit site-specific conditions, our cofferdams enable dry and secure working areas for foundations, repairs, and installations. Installed by experienced teams, they are planned and executed with a strong focus on safety, structural stability, and environmental protection to support efficient project delivery.

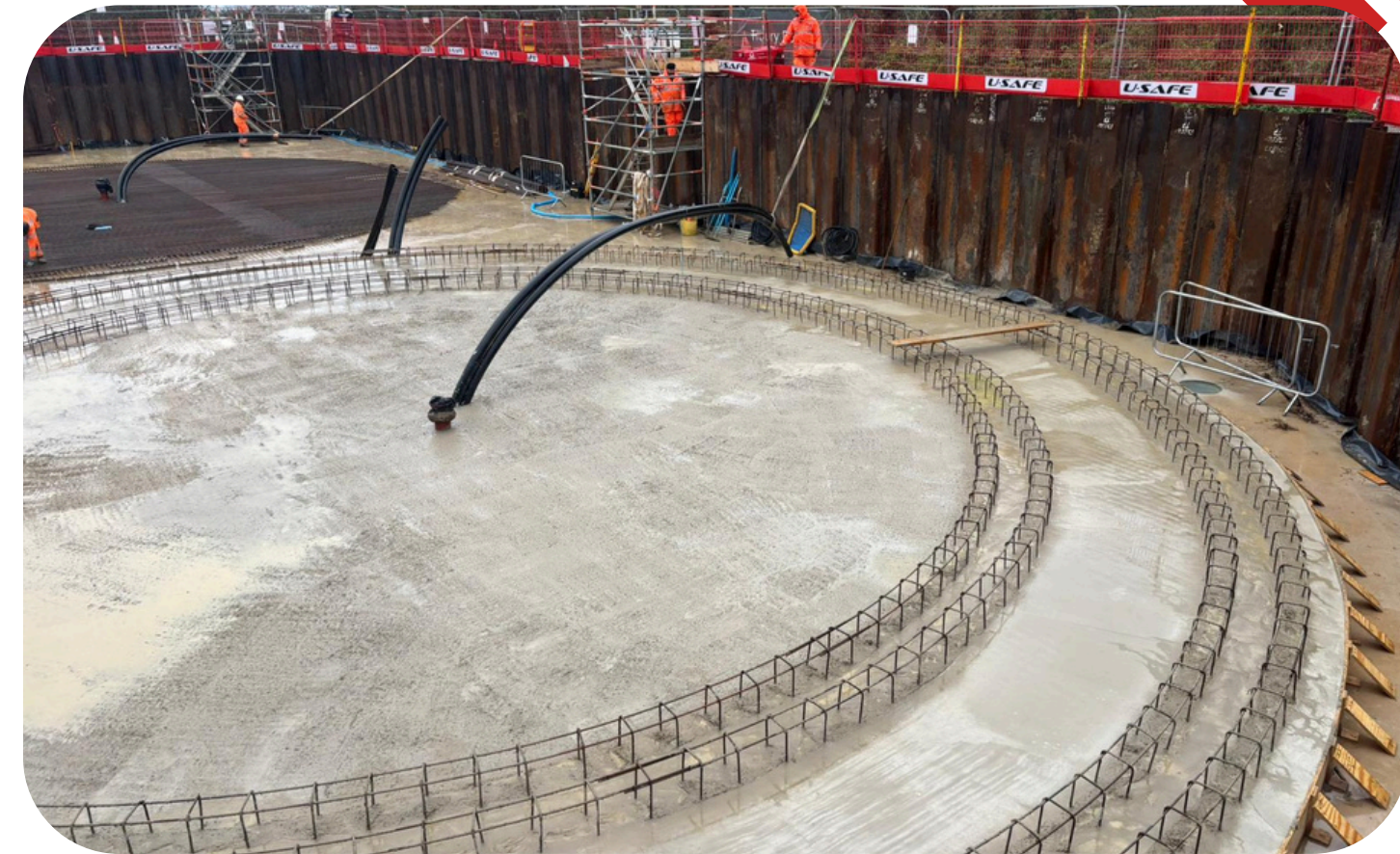




# CIVIL & CONSTRUCTION

## REINFORCED CONCRETE WORKS

Our reinforced concrete works deliver strong, durable structural solutions for a wide range of civil and industrial projects. Our capabilities include concrete tanks, concrete slabs, foundations, and other in-situ reinforced concrete structures. We carry out formwork, steel fixing, pouring, and finishing in line with design specifications and quality standards. With experienced teams and careful planning, we ensure safe execution, structural integrity, and long-lasting performance while meeting programme and regulatory requirements.





# CIVIL & CONSTRUCTION

## STRUCTURAL STEEL

Our structural steel service provides the design, fabrication, and installation of steelwork for a wide range of construction and infrastructure projects. As a CE Class 2 certified provider, we manufacture and install structural steel to recognised quality and compliance standards. Using skilled fabrication, certified welding, and strict quality control, we deliver safe, reliable, and durable steel structures tailored to project specifications.





# Notable Clients





# Summary



In conclusion, we bring together design expertise, quality manufacturing, and hands-on construction experience to deliver reliable, end-to-end solutions for our clients. From early concepts through to commissioning, we keep a strong focus on safety, quality, and efficiency at every stage. We like to work closely with our clients, keeping things practical and maintaining high standards so the end result performs well and lasts. Thanks for your time today — we look forward to hopefully supporting your future projects and working together going forward.



***'Our Environment, is our Future'***