

Jexengineering

Delivering complete solutions for process industries





Whatever the industry, Health and Safety is always our main concern.



Jex Engineering is a leading supplier of engineering and project management services to process industries worldwide.

Cost effective, superb British engineering delivered with top quality craftsmanship and on time performance.

Jex is a world class engineering company with a track record of delivering the highest levels of quality and technical expertise. Whilst we work with clients in many different market sectors, we have built up particular knowledge and understanding of the food, chemical, oil and gas, pharmaceutical, and energy / environmental industries.

Our employees are our key strength. From their knowledge and skills we have developed our high levels of expertise in design, engineering and the safe and efficient delivery of projects to our clients.

This has ensured continuous business opportunities with some of the largest and best known global brand name companies. With over 240 employees we have built an enviable reputation for delivering first class work and exceeding our customer's expectations.

Safety is central to our working ethic. Elimination of hazards and the provision of safe working practices for our employees, contractors and customer's personnel is our number one priority. We back this up with training (over 65 Jex personnel have passed through the IOSH managing safety training course), risk assessments and method statements in conjunction with appropriate management systems such as ISO 9001 2008.

Our accident report for 2008 was our best on record and following on from seven consecutive British Safety Council Awards as well as RoSPA Gold Medals shows our investment in this critical business aspect is continuing to move us in the right direction.

Our continuous commitment in appropriate business systems has also allowed our Environmental Management system to be certified to ISO 14001 2004.

Underpinning everything we do is a commitment to provide the best, most appropriate solutions no matter whether it is an individual project or a complex turnkey assignment.

Established in 1973, the company is based in Grimsby, England with additional facilities in Manchester, Birmingham and Staverton (near Bath) regionally serving our UK based customers.

Since 2007, Jex Engineering have been a member of Redhall Group PLC a profitable engineering service group operating in the chemical, food, oil and gas, nuclear and defence sectors. There is significant synergies within the Group companies providing access to over 1800 skilled engineering staff.

Jexengineering

The complete solution to
a better tomorrow



We have talented, skilled engineers covering a wide range of disciplines including Health and Safety, Process Engineering, Project Management, Design, Electrical and Mechanical Engineering functions. Their expertise along with supporting staff are increasingly relied on by our clients to cover a wide range of industrial applications. Our core capabilities can be defined as follows...

Management of Fully Integrated Turnkey Solutions

Including front end studies, project management, process design and engineering, manufacturing, installation and commissioning - on time and within budget.

Benefits to you

- Clear identification of responsibilities with shorter or single lines of communication to all stake holders

- Reduced costs by ensuring the most efficient and cost effective use of both our employee resources
- Avoids multiple contracts thereby reducing administration costs
- Collation of all documentation, certification and appropriate protocols

Project Management

We have built a strong reputation as a quality supplier of integrated services. The same range of skills detailed above can be provided individually or combined to meet specific customer requirements.

Benefits to you

- Improved project cost control
- Efficient management of the project programme in order to assist the main contractor's progress.



Safety

Whatever the market sector Jex Engineering have Health and Safety as the main priority for every project.

Efficiency

Within time and within budget projects are delivered with the assistance of structured management systems.

Construction Design Management (CDM)

We can take responsibility for and control projects in accordance with CDM regulations, assuming the role of principal contractor.

Benefits to you

- Reduced disruption to ongoing production processes
- A positive, pro-active approach to health and safety management



In House Conceptual and Detailed Design Capability

The importance of design can often be undervalued in the overall success of a project. We understand how critical this element is. We interpret your requirements and develop the concept design and detailed design engineering, prepare the project scope and detailed specifications and the appropriate materials for manufacture - putting you on the correct path to success.



Benefits to you

- 3D modelling provides clear understanding and communication of ideas
- The use of the latest software ensures improved accuracy and speed associated with the final design for manufacture
- Structural analysis software helps optimise the structural design
- 'Walk Through' visualisations provide improved clarity of factory layouts or specific areas

Mechanical Fabrication and Process Optimisation

We offer a wide spectrum of fabrication services using a variety of construction materials. The range includes Stainless Steel Vessels to Carbon Steel Platforms and Pipe Work manufactured from various grades of Stainless Steel, Hastalloy and HDPE

With our extensive knowledge of manufacturing processes we can offer a service which can value engineer the existing line and optimise it's efficiency.

Benefits to you

- The right solution for new manufacturing processes
- Increased life cycle of existing production equipment
- Improved productivity and working methods for current machinery
- Potential to save on capital cost

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Electrical Control and Process Automation

When the line integration of mechanical equipment with control technology is important we can offer a full electrical design, build and test capability using both Allen Bradley and Siemens specified components. Coupled with comprehensive documentation we have the complete electrical and software design package.

Benefits to you

- Co-ordinated mechanical and electrical integration helping to reduce line installation times
- Cost effective process automation and control system design
- We provide software to panel building, factory testing to MIS and MES integration, offering responsibility from a single source
- Meet the latest regulatory requirements with our upgrade service



Equipment Relocation, Installation and Upgrade

Careful planning and preparation are vital if the transfer and re-installation of individual machines or complete packaging lines are to be carried out efficiently and with the minimum of production downtime. Often transferred equipment has to be upgraded and integrated with new machinery installations.

Jex Engineering has the experience to handle the entire project.

Benefits to you

- By co-ordinating all site activities we minimise disruption to production
- We can refurbish and upgrade including new controls reducing the burden of additional contracts
- We can demonstrate a successful track record and experience for both UK and overseas transfers.
- We can dispose of unwanted equipment with due regard to process confidentiality and environmental considerations.

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