



Amarinth

Raising The Bar



**Commissioning
& Site Services**

About Amarinth

Installation – Commissioning – Diagnostics

Amarinth, a world-leading net-zero designer and manufacturer, specialises in low lifecycle cost API 610, API 685, and ISO 5199 centrifugal pumps and associated equipment for key sectors: offshore and onshore oil & gas, nuclear and renewable energy, defence, desalination, and process and industrial markets.

Our innovative approach, business agility, and advanced computer applications enable us to deliver robust, reliable, and sustainable pumping solutions to the world's largest organisations, for critical applications, in the most arduous and hostile environments around the globe, on the shortest lead times in the industry.

We understand the critical nature of your operations, providing comprehensive commissioning and site services to ensure your pumps are installed correctly, perform to specification, and operate reliably. Should you encounter any issues, our skilled engineers can deploy sophisticated monitoring and diagnostic equipment to assess performance, delivering informed maintenance actions or interventions to prevent potential failures.

Choosing Amarithh means developing a partnership beyond conventional support. We offer swift and reliable assistance, contributing to the seamless and uninterrupted functioning of your global operations.



Our Vision

To be the first-choice supplier of high specification pumping solutions, where reliability, efficiency, safety and service are unrivalled.

Our Mission

To provide proactive and personal service of the highest quality to customers worldwide by:

- Working closely with customers and suppliers
- Using our extensive technical knowledge to design, make and project manage innovative solutions
- Challenging, empowering and rewarding our employees

Our Values

These seven core values embrace our culture, spirit and dedication to doing what's right. From the products we sell to how we treat one another, our values guide every decision we make.

- **Unity of purpose** - work seamlessly to meet a common goal
- **Win, win, win** - create innovative solutions where everyone wins
- **Walk the talk** - do what we say, say what we do
- **Respect** - treat others as you would expect to be treated
- **Embrace change** - use initiative and ownership to create new opportunities
- **Feel empowered** - grow, improve and develop yourself and the business
- **Live the Amarithh life** - be enthusiastic, driven and determined

Amarinth around the world

As the leader in pump manufacturing, we pledge the best and most attentive customer service no matter where you are in the world. We have offices in:

- UK
- Malaysia
- Africa
- United Arab Emirates

Our global reach allows us to serve you faster and better understand your specific requirements and local environment. In addition, we partner with specialist organisations to provide further in-country support.

Even if we're not on-site, communications are always open via:

- Video conferencing
- 24/7 manufacturing updates
- Customer witnesses/remote monitoring via our website



Commissioning

When you choose Amarith pumps, our commitment doesn't stop with the purchase. We're dedicated to ensuring your pumps are installed correctly, perform reliably, and meet stringent specifications for safety and efficiency. Benefits of our installation and commissioning service include:

- Access to our UK head office engineering expertise, our on-site engineers are often the same minds behind your pump's design and manufacture.
- Appointment of a senior engineer to oversee the project in supervisory role or with full involvement to manage and guarantee meticulous completion of every task.
- Expediency with locally supported engineers available in multiple countries worldwide.
- Thorough inspection of pumps and components post-delivery to detect and rectify any defects or damages that may have occurred during shipping.
- Expert assembly, positioning, and integration of pumps, piping, fittings, and auxiliary equipment.
- Critical alignment and levelling of pump and motor for peak performance and longevity.
- Expert electrical connections ensuring compliance with safety standards and regulations.
- Comprehensive testing and verification, including functional, flow, pressure testing, and vibration checks.
- Final adjustments, control parameter calibration, and performance validation during commissioning.
- Approved SAT – site acceptance testing, and final sign-off.



Site Services

Experience seamless support throughout your pump's lifecycle with our comprehensive on-site services. Delivered by our experienced engineers, we're here to guide you through planning, troubleshooting, monitoring, and resolving any challenges you encounter, including:

Site Survey Assessment

- Our expert engineers conduct thorough site surveys, leveraging their in-depth process expertise.
- We meticulously evaluate your site's physical layout, infrastructure, and operational environment.
- Detailed data collection covers pump requirements, fluid characteristics, flow rates, pressure needs, and more.
- Advanced analysis ensures a deep understanding of the performance parameters essential for your pump.
- We consider environmental factors like temperature variations, humidity levels, and corrosive materials.
- Any installation challenges, from space constraints to structural considerations, are carefully assessed.
- Receive a tailored report of recommendations and solutions tailored to meet your site's unique requirements.

Condition Monitoring Service

- Our skilled engineers conduct site visits, armed with extensive process knowledge.
- We install a range of sensors including vibration, temperature, pressure, and flow meters.
- Real-time analysis of collected data identifies deviations from normal operating conditions.
- We assess pump performance, uncovering trends, patterns, and anomalies to foresee potential issues.
- When abnormalities arise, our monitoring system aids in diagnosing underlying causes.
- Receive a comprehensive report outlining recommended maintenance actions or interventions to prevent potential failures.

EXPERIENCED & SKILLED



"Amarinth's engineering solution to this challenging specification proved invaluable and we were able to work effectively throughout the project to deliver this critical equipment."

Azuan Hakim Abd Aziz
Project Engineer
National Oilwell Varco



Supporting Specialist Industries

Amarinth works with specialist heavy industries that demand robust, precision-engineered pumps to cope with the harshest of conditions.

All projects are bespoke. Our knowledge and expertise will create the ideal solution whether you deal with corrosive chemicals or work in an ice-bound climate.

Our clients benefit from Amarith's reliability, safety, efficiency and exceptional customer service.

We work in the following sectors:

- Oil & Gas
- Industrial
- Chemical
- Power Generation
- Petrochemical
- Pharmaceutical
- Marine
- Healthcare
- Food & Beverages
- LNG
- Desalination
- FPSO
- Renewable Energy
- Nuclear



Sustainability

Amarinth, UK Plant, is 100% carbon neutral. Adaptability runs through our DNA, and we were determined to pivot to a more sustainable way of working. We also work hard to help our customers be energy efficient in a commercially viable way.

How we became carbon neutral:

- 80Kw PV cell farm to generate head office, test and assembly facilities
- Green source axillary power on demand
- We have been ISO14001 accredited
- State of the art 'Real Time' remote witness testing and data-feed
- Active task force to reduce carbon creation through reduced travel - Starleaf video conferencing facilities
- Electronic contract manufacturing data book creation to replace papercopies
- Paperless office working to reduce paperwaste/ trees etc
- Charging points for staff cars (powered via the Solar panels)
- We have achieved ISO 14064 carbon reduce certification.



Our Services Team

Amarinth employees are the business's most important asset, and we commit to supporting them in every way possible.

We built our founding philosophy on passion, skill and creativity. We empower and elevate our people so that you get the best team working on your project at every stage, from design, engineering and manufacturing to delivery and commissioning.

With Amarith, you get:

- Skilled and motivated people
- A desire to do things the right way
- Proactive support
- Specialist knowledge
- Internal and external training
- Career progression



"As Amarith's senior engineer with over a decade of unparalleled commissioning and site services experience, I continue to provide global site support for both onshore and offshore applications, alongside my colleagues within the commissioning team."

Lee Read, Applications Engineering Supervisor



"I oversee the readiness of our commissioning and site services engineers to deploy globally. It is my responsibility to maintain their proficiency through continuous updates on both on-shore and off-shore qualifications, training, certifications, and access privileges. I also ensure that each project undergoes clear scope definition and customer sign-off acceptance procedures. My team consistently upholds the highest standards of commissioning excellence, remaining at the forefront of our industry."

Andy Foreman, Head of Technical Engineering





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Accreditations and Approved Vendor Status

