



Amarinth

Raising The Bar

**Welcome to
Amarinth**

Edition 1

About Amarinth

Some of the world's largest companies trust Amarith centrifugal pumps in the onshore and offshore oil and gas, petrochemical, chemical and power sectors.

Amarinth is a world-leading net-zero designer and manufacturer of low lifecycle cost centrifugal pumps and associated equipment. We work primarily with oil and gas, nuclear and renewable energies, defence, desalination, process and industrial markets.

You, too, can rely on our specialist expertise, design, innovation and long-lasting build quality. Customer service is central to everything we do, working tirelessly to help you meet your goals.

- We design, engineer and manufacture to order
- Short lead times
- Every build customised to your needs
- We surpass the highest international standards, including API 610, API 685 and ISO 5199



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 Amarith life** - be enthusiastic, driven and determined

Manufacturing at Amarith

When you work with Amarith, you know you will get bespoke pumps and equipment built to withstand the harshest pressures and environments, anywhere in the world. Our highly skilled design and engineering teams adapt to what you need and where you need it.

We use only the finest components, so our equipment will never let you down. It's built to be reliable and long-lasting, giving you good value for your capital investment. We can work with your teams to produce, ship and commission everything on site.

Amarith expertise can:

- Train your people
- Perform fault diagnosis
- Refurbish your existing pump equipment
- Inspect and estimate its critical tolerance and accurately forecast its remaining economic life



"Amarith'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



Technical Capabilities

Amarinth uses the latest equipment and highly trained, motivated staff to design, engineer and manufacture the world's best centrifugal pumps. Our capabilities include:

- State of the art assembly and testing facilities. All on one site to enable timely build and test
- Cranage and equipment to manoeuvre all throughout facilities, fixed overhead static cranage
- 340Kw power source
- Multiple test-line feeds for horizontal, vertical and in-line vertical pump testing
- Twin vertical hydraulic test Pits - Up to 7m full length pump testing capability
- State of the art 'Real Time' remote witness testing and data terminals for full witness testing
- R&D testing house. R&D development facility for bearing enhancement development, low shear testing, particulate testing
- On-Site packing capability for air, sea and road travel

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)
- Progress towards ISO 14064 carbon reduce certification



A large industrial centrifugal pump is shown in a factory setting. The pump is made of metal and has a complex design with various pipes, valves, and flanges. It is mounted on a base and has a large circular opening at the bottom. The background shows a factory floor with various equipment and materials.

Bespoke Design Capability

You won't find so much centrifugal pump design experience and capability under one roof anywhere else. Our expert team provide tailored solutions no matter how harsh the conditions or how space restricted the equipment will be.

- In house FEA design experience and design capability
- 20 years of hydraulic design experience
- Specialists in restrictive space design solutions
- Market experts in low shear pump design and capability
- Market experts in nutshell filter design and capability
- Market experts in vertical pump design and supply up to 20m in length
- Experts in pumping solutions with low NPSHa
- Sourced experience and supply in exotic alloy materials. Inc titanium, nickel alloy bronze, all alloys
- IECEX Certification
- Experts in DNV Certification supply
- Experts in ZONE O supply

Environmental

Amarinth, UK plant, is carbon neutral and does everything possible to support customers who are mindful about how their business affects the local environment and community.

In Suffolk, UK, our production unit is accredited by the Suffolk Carbon Charter, awarded to companies for their carbon reduction measures.

We are pleased to work with partners on large-scale alternative power projects, including wind and hydropower.

- Certified to 14001
- 75Kw PV supply
- Paperless secure contracting
- DMS system ISO accredited
- Electric company car policy
- Video conferencing capabilities





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

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

SUPPORTING A RANGE OF INDUSTRIES



Our 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 Amarinth, you get:

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

OUR COMMUNITY WITH PURPOSE & RESPECT



"Working at Amarinth gives me the opportunity to learn something new everyday. The nature of our business means I get to work with a variety of different products and I enjoy learning about the functions of these devices"

Athul Sarangan - Application Engineer



"I support existing and develop new sustainable UK markets in order to aid the growth of Amarinth. I hope to continue being involved in UK renewable projects and further increase the UK market."

Richard Barnes - UK Sales Manager



Our Clients

Amarinth is proud to work alongside some of the world's largest and most recognisable corporations. We never take their trust in us lightly. Covering a range of sectors, our clients include Shell, Siemens, Diageo, Hyundai, BP, Petronas and ADNOC.

We never waiver on our promise to maintain customer focus, integrity and operational excellence. It helps keep us on top of our game, and it explains why our clients come back to us time and again.

Coming from some of the world's leading companies, our clients value our service.

Dato' Satwant Singh Dhillon, Petronas – "Amarinth's delivery of this unique skid package and ability to provide a designed solution to the existing platform demonstrates their experience and capabilities."

Majdi Shalgheen, Zakum Development Company – "We were impressed with Amarith's speed of response after not providing them much notice. They reacted quickly, and the quality of personnel they sent to the site was first class."

Richard Gould, ADMA-OPCO – "Working with Amarith was a pleasure as they have full control of the pump's design and can react quickly, and as necessary, to ensure the part designs were optimised for the very challenging titanium casting process."





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Tel: +44 (0)1394 462 120

Fax: +44 (0)1394 462 130

E-mail: enquiries@amarinth.com

Bentwaters Parks,
Rendlesham, Woodbridge
Suffolk, IP12 2TW
United Kingdom

Accreditations and Approved Vendor Status

