

Engineering Placement (Year In Industry) 2025

Candidate Brief

AESSEAL plc, Mill Close, Rotherham, S60 1BZ

Email: Careers@aesseal.co.uk



AESSEAL® overview



AESSEAL® is part of the AES Engineering Ltd Group, a global engineering and reliability company with sales exceeding £265 million. We specialise in the design and manufacture of mechanical seals and seal support systems. Our innovative products are designed to minimise environmental impact, helping to combat climate change.

At AESSEAL®, we take pride not only in our exceptional business reputation but also in our commitment to exceeding social responsibilities. We have a strong track record of developing talent within the organisation, providing apprentices and employees with opportunities to grow, take on additional responsibilities, and advance into management roles.

View our day in the life videos:

We actively encourage employee involvement in impactful initiatives, such as collaborating with schools to inspire the next generation of engineers and entrepreneurs, sponsoring GUTS events, and achieving global Net Zero. AESSEAL® is also a recipient of 15 Queen's Awards, plus numerous ISO certifications. The business has a track record of achieving year-on-year sales and profit growth and has invested millions of pounds in facilities and machinery which contribute to making AESSEAL® a unique place to work.



Our core values

Our Purpose is to give our customers such exceptional service that they need never consider alternative sources of supply.

- We pursue excellence in order to continuously improve.
- We promote, embrace and manage change.
- We champion honesty and fairness.
- We are committed to protecting the environment.
- We create an environment where we are happy at work.

Our vision is to become the leading global reliability business, delivering solutions to help industries save water, energy, cut pollution, and create a better world.

Our focus - to us, the customer really is king. It is our focus on customer service and quality that has seen us grow year on year since we were established in 1979. Today we have 66 trading entities operating from 161 locations in over 100 countries, and employ a global network of sales engineers and technical support specialists..

C. J. Rea, Managing Director



The benefits

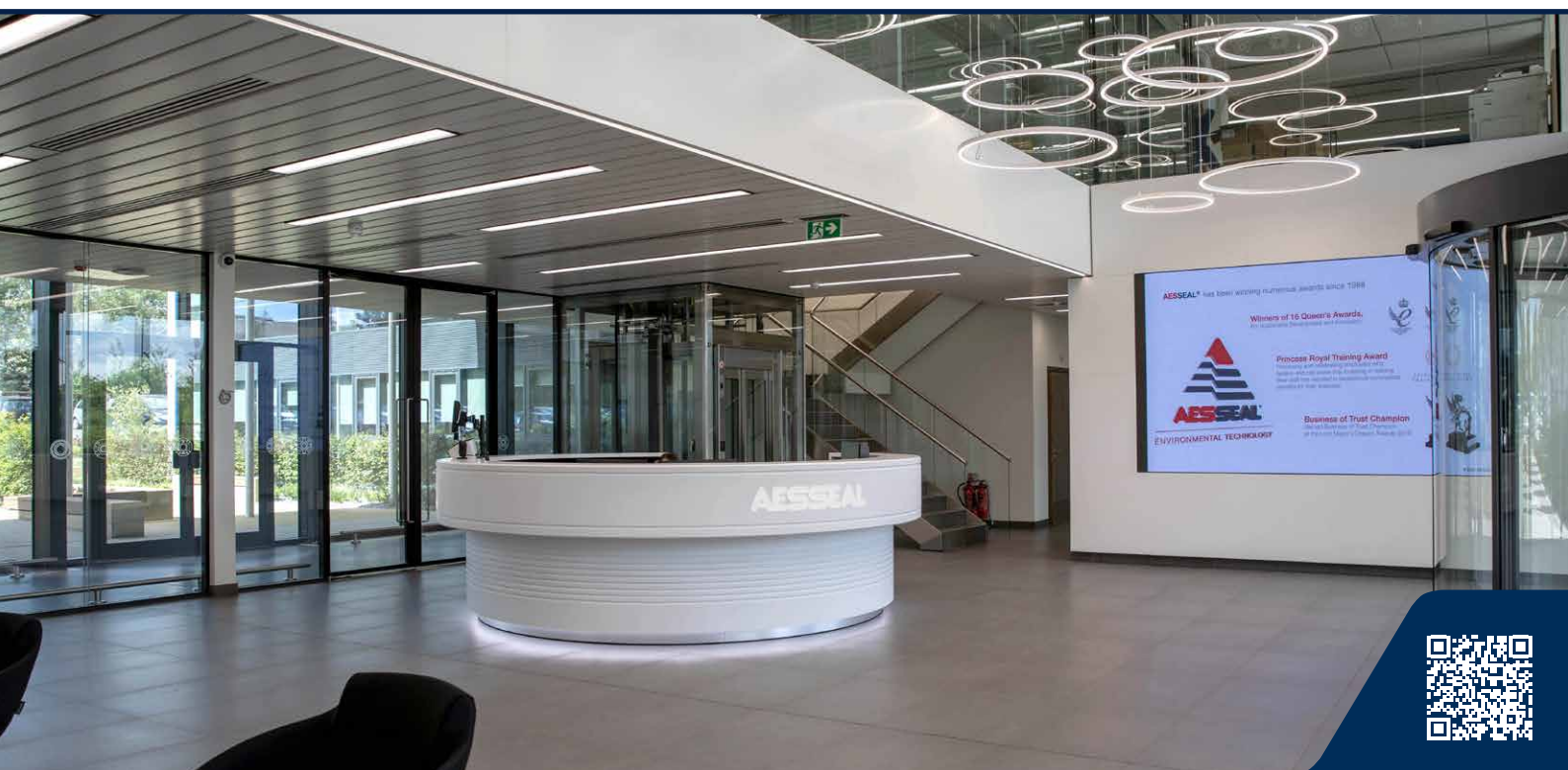
At AESSEAL®, we recruit and develop the most talented individuals, whether that's in engineering, sales, service, or support roles.

Our focus - to us, the customer really is king. It is our focus on customer service and quality that has seen us grow year on year since we were established in 1979. Today, we have 230 locations worldwide, supplying customers in 104 countries, and employ a global network of sales engineers and technical support specialists.

Working collaboratively across our global operation, we are one 'family' community, where teamwork is encouraged and clarity, mutual respect, and understanding are key. If you would like to find out more about our current vacancies and apprenticeship schemes, please navigate using the careers menu.

What are the benefits to working for AESSEAL®?

- Pension Scheme including Salary Sacrifice
- Aspire to Retire Scheme
- Life Assurance
- Length of Service Scheme (5 years, 10 years, 15 years, 20 years, 25 years, 30 years and 35 years)
- Mindful Employer – Supporting Mental Health
- Cycle2Work Scheme
- EV Car Scheme – partnered with Octopus Energy
- BenefitHub – exclusive discounts, rewards and cashback
- STAR Awards - £250 Amazon Voucher
- Sporting Tickets
- Westfield Health cover at discounted rates
- Help@Hand – Employee Wellbeing and Mental Health
- AES Tree Walk
- Free On-Site Parking and EV Charging Facilities



What is the Opportunity?

We are excited to offer two (2) keen Year In Industry placement students a 12-month engineering placement for 2025, designed to provide a dynamic and immersive experience to help us improve the business from within the engineering function. This placement will focus on a dedicated engineering internship project aimed at transforming how we use our engineering data to drive our customer-facing business systems and product standardisation initiatives. The activities focus on a core part of supporting the company's digital roadmap.

Engineering Placement (Year In Industry) - 2025

Job Title: Engineering Placement (Year In Industry) - 2025

Number of Vacancies: 2

Start Date: September 2025, earlier negotiable.

Application Closing Date: 30 June 2025

Term: 12 months

Department: Engineering

Location: Global Technology Centre, Mill Close, Rotherham

Organisation: AESSEAL plc

Reports to: Principal Engineer

What Do We Offer?

- Opportunity to work with a team of highly qualified and motivated engineers.
- Experience in a successful and rapidly expanding company known for technology and innovation.
- Real-world job experience in a professional engineering environment, allowing you to earn while you learn.
- Insight into the full operational process of a global engineering company.
- Support for EngTech registration for future IEng & CEng applications with IMechE or other Professional Engineering Institutions.
- Potential for full-time employment upon successful completion of the degree course.



Key Responsibilities:

A. Project Focus:

The candidate will lead a project to enhance our engineering data utilization, impacting our customer-facing business systems. This project will involve:

- Developing and implementing data-driven solutions for product selection and specification.
- Enhancing pricing and quotation systems.
- Automating design systems and contributing to standardization efforts.

B. Technical Development:

Throughout the project, the candidate will gain in-depth knowledge of rotating equipment, specifically pumps. This includes:

- Understanding various makes, models, sizes, and applications.
- Learning about user industries, legacy and modern standards.
- Mastering mechanical seal selection, application, installation, and design fitment.

C. Data-Driven Problem Solving:

Engage in data-driven engineering problem solving, utilizing analytical tools and methodologies to derive insights and solutions from engineering data.

D. Cross-Functional Collaboration:

Work closely with departments such as Sales, Procurement, Manufacturing, and Business Assurance to ensure project success and compliance with customer specifications.

N.B This list is not exhaustive, the job holder is required to carry out reasonable tasks within their level of skill and ability.



Who Are We Looking For?

Criteria	Description
Education	<ul style="list-style-type: none">University students pursuing a BEng or MEng (or similar) in mechanical, chemical, design engineering, or related fields with an option to take Year In Industry placement.
Skills & Knowledge	<ul style="list-style-type: none">Strong grasp of engineering theory and practical application.Proficiency in mathematical, design, and practical skills.Technical versatility and attention to detail.Excellent communication skills, both written and verbal.
Character	<ul style="list-style-type: none">Passionate about delivering exceptional customer service.Eager to contribute to continuous improvement.Curious, determined, and self-motivated.Positive, encouraging, and professional.

How to Apply?

To apply for this exciting opportunity, please provide an application cover letter explaining your interest in the placement and why you are suitable for the role, along with your CV. Submit your application via your university Placement Co-ordinator or contact placements@aes seal.co.uk

The application process involves the following steps:

- 1. Submission:** Provide your cover letter and CV with your application.
- 2. Review:** Applications will be reviewed, and successful candidates will be contacted.
- 3. Interview:** Shortlisted candidates will be invited for an in-person interview.
- 4. Presentation:** Candidates will be asked to deliver a short presentation (details to be confirmed later in the process).

We look forward to receiving your application and discussing this opportunity further.

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