

United Kingdom Jobs Expertini®

Senior Engineer - Energy Transition

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Company: Appcast

Location: Cheltenham

Category: architecture-and-engineering

Job Summary

At AECOM, we're delivering a better world.

We believe infrastructure creates opportunity for everyone. Whether it's improving your commute, keeping the lights on, providing access to clean water or transforming skylines, our work helps people and communities thrive.

Our clients trust us to bring together the best people, ideas, technical expertise and digital solutions to our work in transportation, buildings, water, the environment and new energy. We're one global team – 47,000 strong – driven by a common purpose to deliver a better world.

Here, you will have freedom to grow in a world of opportunity.

Performs specific and moderate portions of a broader assignment of an experienced engineer.

Gathers and correlates basic engineering data using established and well-defined procedures.

Works on detailed or routine engineering assignments involving calculations and relatively simple tests.

Proposes approach to solve new problems encountered using modifications of standard procedures or methods developed in previous assignments.

Identifies discrepancies in results.

Provides guidance to entry level engineers.

Performs work in accordance with agreed upon budget and schedule with little supervision.

Independently performs all the tasks necessary to complete primary design elements for engineering works.

Performance at this level requires developmental experience in a professional position.

Minimum Requirements

In addition, you will have demonstrable experience gained through applicable post-graduate work in a relevant industry (power and energy, oil and gas, refining, chemicals). We will be looking for experience of:

Acting as Process Engineer / Project Engineer on consultancy projects, with responsibility for delivery of engineering packages and / or technical reports

Responsibility for process equipment design

Generation of project deliverables such as PFDs, P&IDs, HMBs

Generation of technical reports and specifications

Experience of relevant technologies, such as gas fired power generation, carbon capture, hydrogen production, energy from waste, refining, industrial processes, etc.

Applying technical / process safety in your work

Experience with specialist engineering tools and processes e.g. Thermoflow, HYSYS, ProMax would be advantageous. Demonstrable experience with the use of some form of

engineering software, interpreting results, as well as understanding limitations.

An appreciation of other related technologies e.g. solar generation, energy storage, petroleum refining, ammonia production would be advantageous.

Preferred Qualifications

BEng/BSc or above in either Chemical, Process or Mechanical Engineering

Your benefits will include:

Helping our employees achieve a healthy work-life balance is important to us. If you join AECOM, as well as receiving a competitive salary, you'll also have the opportunity to explore flexible working arrangements. Core benefits include 25 days' annual leave, company pension scheme, private medical insurance, life assurance and one paid annual professional institution membership fee. You can also choose from a wide range of flexible benefits to suit your lifestyle.

You'll also be able to give back to communities with up to two paid CSR days each year. Through our charity, The AECOM Foundation, you can volunteer to support children in developing countries. And if you're a member of the Reserve Forces you'll receive an additional 15 days paid leave for training commitments.

What we offer

We will give you the flexibility you need to do your best work with hybrid work options. Whether you're working from an AECOM office, remote location or at a client site, you will be working in a dynamic environment where your integrity, entrepreneurial spirit and pioneering mindset are championed. You will help us foster a culture of equity, diversity and inclusion – a safe and respectful workplace, where we invite everyone to bring their whole selves to work using their unique talents, backgrounds and expertise to create transformational outcomes for our clients. We will encourage you to grow and develop your career with us through our technical and professional development programs and diverse career opportunities. We believe in leadership at all levels. No matter where you sit in the organization you can make a lasting impact on the projects you work on, the teams and committees you join and our business. We offer competitive pay and benefits, well-being programs to support you and your family, and the development resources you need to advance your career. When you join us, you will connect and collaborate with a global network of experts – planners, designers, engineers, scientists, consultants, program and

construction managers – leading the change toward a more sustainable and equitable future. Join us and let's get started. As an Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

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