

# Acoustics Engineer

## Competitive salary + benefits

### Bristol



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Founded in 1862, Hoare Lea is a multidisciplinary consultancy, Europe's longest established firm of consulting engineers and one of Europe's largest. The acoustic group within Hoare Lea is one of the UK's largest and longest established acoustic consultancies, with over 30 acoustic engineers and a history spanning back over 40 years.

Due to an expanding workload, Hoare Lea Acoustics is seeking to add to its already strong team of dedicated acoustic consultants; we are looking for a highly motivated individual to join our Environmental noise team in Bristol. Opportunities for the career development of the successful applicant would be available across the whole spectrum of projects undertaken by Hoare Lea Acoustics, which cover a wide range of sectors in the built environment from television studios to football stadiums.

This is an exciting time to join Hoare Lea as we are focused on growth, both in the UK and overseas. We are large enough to provide stability and opportunity, and small enough to recognise our people as individuals; this has led to a culture of flexibility, individualism and organic growth.

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### Overview of the role

A specific opportunity has arisen to support our Environmental Acoustics team, with a particular focus on wind farm noise. Our experience in the field of wind farm noise stretches back to the early days of the industry in the 1990s, and now extends to over 250 wind farms both within the UK and abroad. We provide acoustic design services in all aspects of wind farm development for a range of different clients.

Our extensive practical experience in wind farm noise is coupled with our active involvement in a number of applied research projects, often working in association with key university research departments. This has included the development and application of advanced noise propagation modelling techniques, the noise optimisation of wind farm layouts, and advanced measurement and analysis techniques for operational wind farm noise. We fully utilise advanced software solutions many of which have been developed in-house. This provides considerable added value to our clients, leading to a significant growth in this type of work, both in the UK and abroad.

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## What you'll be doing

As an Acoustic Engineer you will work with us on exciting projects whilst developing your knowledge and career with our training scheme and day to day mentoring.

You will learn to be responsible for:

- Undertaking environmental noise surveys in a variety of sites across the country and abroad
- Undertaking detailed analysis of these measurements using a variety of techniques
- Applying and developing in-house analysis techniques and software
- Computer predictions of wind farm noise using specific software tools
- Assessing other sources of environmental noise such as renewable energy, large-scale developments, EIA etc.
- Working with developers, wind farm operators and other stakeholders and attend team meetings
- Report writing

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## What we're looking for

- Applicants with a solid academic background are sought at engineer or possibly senior engineer level, depending on experience
- An MSc or preferably PhD level in an acoustics and/or signal processing related subject
- A practical mind-set that would suit the wider profile of the group
- A good level of knowledge in fundamental acoustics
- Practical experience would be an advantage, but this is not essential
- An applied knowledge of Excel spreadsheets, different computer programming languages and signal analysis techniques would also be desirable
- Ability to work in a team environment but also independently and demonstrating initiative

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## How to apply... It's simple

Complete a CV profile and submit your application at [www.hoarelea.com/careers](http://www.hoarelea.com/careers)

For further information please contact [RachaelPound@hoarelea.com](mailto:RachaelPound@hoarelea.com) or [MatthewCand@hoarelea.com](mailto:MatthewCand@hoarelea.com)