



## Job Description: **Sustainability Associate**

### **About Bennett Freehill**

Bennett Freehill is a leading Building Services Consultancy and qualified Passivhaus and NZEB Designers, Commissioning Managers and Licenced BREEAM Assessors.

We are the 2023 Irish News Workplace & Employment Award Winners - Best Place to Work (Small Business) and Best Wellbeing in the Workplace Strategy (Small Business).

We provide sustainable, multi-disciplined design services for pioneering projects such as the award winning South West College Erne Campus 'RICS UK Project of the Year', Giants Causeway Visitors Centre, DAERA 'Jubilee House' Headquarters and CAFRE Greenmount and Loughry Campus Redevelopment.

We are focused on creating a fun and rewarding environment for our team, allowing us to nurture and retain the most dynamic and technically accomplished talent in the industry. Our team is focused on creating innovative mechanical and electrical design and continuing the practices legacy of growing through a combination of repeat business and client recommendations.

### **The successful candidate will have:**

- A degree in Mechanical, Building Physics or Energy Engineering
- 5 years previous experience in a Building Physics role within Building Services
- Previous experience using IES Software and producing dynamic thermal models using IES VE software
- Knowledge of Building Regulations Part L assessments using NHER / Elmhurst and IES
- Experience of producing PART L & EPC reports, Energy Strategies, Thermal Comfort Reports, daylight analysis, LZC reports, etc
- Knowledge of British and European Standards, Building Regulations documents etc
- Confidence with passive building design from both an environmental and energy efficiency perspective
- Previous experience of Renewable energy feasibility studies

### **The successful candidate will (Beneficial but not essential):**

- Have experience of Embodied Carbon Assessments, Whole life carbon appraisals
- Circular economy strategies and low carbon materials, and BREEAM, WELL AP
- Be BREEAM qualified or have working familiarity with environmental assessment methods
- Be familiar with CIBSE design standards
- Have the ability to use some of the following software applications: IES, Microsoft 'Office' suite, Adobe Creative Suite



- Have obtained chartered status or be working towards this

**To be successful in this role the successful candidate will:**

- Be legally able to work in the UK and Ireland
- Be Self-organized and motivated
- Have problem-solving and analytical skills
- Have good interpersonal skills and be able to work independently and as part of an effective team
- Be able to build good relationships at all levels, internally and externally
- Be resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure

**Responsibilities:**

- Provide discipline leadership
- Fulfil the Practice's overall objective in producing first class engineering on time and on budget
- Have thorough knowledge of, and comply with, company procedures and standards Qualities and Skills
- Contribute towards raising and promoting the level of technical excellence
- Help generate repeat business through customer care of existing clients
- Work closely with others in a team environment to achieve a common goal
- Take responsibility for all technical aspects of building physics work performed by the design hub from the inception stage through to final completion of projects and client handover, including work subcontracted to specialist consultants. ~~You will~~ Represent the client at design team meetings and client meetings on building physics technical related matters
- Be fully conversant with time / cost management and monitoring procedures in relation to BPE activities, produce realistic targets / fees regularly reporting against these targets to the design / project teams
- Adhere to the building physics procedures and standards, processes and policies throughout the company
- Be conversant with current legislation regarding Building Regulations part L, BREEAM and other Environmental issues relating to technical activities
- Have a detailed understanding of how electrical and mechanical systems impact on building energy performance, and keep design and project teams updated in terms of any changes to this regulation affecting M&E designs
- Lead the design team in undertaking building physics analysis from feasibility to completion including the creation and updating of reports to internal and external design teams. Carry out validation reviews of in house and external building physics models and reports on any risks and opportunities
- Be fully conversant with the building physics software packages used throughout the Company including thermal analysis, bulk airflow analysis, Building Regulations compliance (all levels) and solar analysis. Have the ability to analyse results and understand and challenge the model input parameters
- Carrying out site validation visits to confirm that the installation meets the intent of the thermal model, producing EPC certificates on completion
- Mentor others in their career progression

**Benefits:**

- Training and career development
- Flexible working environment
- Wellbeing Programme
- Healthcare benefits
- 34 days holiday
- Competitive Employer Pension Scheme

Please send your CV and cover letter to [careers@bennettfreehill.com](mailto:careers@bennettfreehill.com) telling us why you're the best person for this role at Bennett Freehill.

Feel free to contact our Managing Partner Cormac Freehill or Associate Director Colin Smith for an informal conversation T: 028 9076 0050.

