



Ben Dymock
Senior Consultant

Key Skills

Project management
Client liaison
Preparation and quality assurance of reports, proposals, budgets, surveys, data acquisition/analysis and predictive modelling
Expert Witness / Bond Solon trained

Position

Senior Consultant

Nationality

British

Joined CSA

March 2017

Qualifications & Memberships

BSc (Hons),

MSc

Environmental & Architectural Acoustics

PhD "Urban Wind Turbines"

Member of Institute of Acoustics (IOA)

Member of Audio Engineering Society

CSA is a Member of the Association of Noise Consultants

Publications

B. Dymock, S. Dance, *Urban wind turbines - A Pilot study*, International Congress on Acoustics, Montreal 2013.

S. Dance, B. Dymock, *Sound exposure and the hearing of musicians*, *Euronoise*, Maastricht 2015.

Career Profile

Ben is an experienced architectural and environmental noise and vibration consultant working in acoustics firstly as a sound and studio designer and then in consultancy, academia, research and lecturing. He has led teams in noise and vibration design, impact assessment, prediction and compliance testing in a variety of settings including residential and commercial developments, studios, rehearsal spaces and industrial work places, and is part of the **Clarke Saunders | experts** team providing research for noise exposure assessments and hand-arm vibration.

Selected Experience

Ben provides specialist design advice for education, leisure, commercial and industrial uses, to work with design teams for new residential buildings, to provide remedial measures and conduct pre-completion testing. This has included mixed use developments with proximity to HS1/Eurostar rail lines and which required structural isolation and mitigation recommendations. Vibration assessment and isolation design options offered for building-integrated turbines to effectively maximise energy yield potential without impacting upon connecting structures and occupants. Ben is experienced in noise and vibration impact assessments and ES chapters, providing planning and public inquiry support, predictive modelling, noise and vibration monitoring of demolition and construction, negotiation of Section 61s and conducting occupational noise and vibration exposure assessments.

Expert Witness

Ben is a trained Bond Solon expert witness and is a member of the CSA team (**Clarke Saunders | experts**) handling noise exposure assessments, primarily as a single joint expert. Ben has completed extensive operational noise impacts assessments of waste management, recycling facilities, industrial, marine vessels and vibration analysis of train lines/industrial processes. He completed his PhD in 'Urban Wind Turbine Feasibility' in 2015, which covered environmental and architectural noise, vibration and energy production with CFD, wind flow, simulation and environmental modelling, and provides vibration monitoring/assessments of wind turbine design to mitigate structure borne vibration and mediate complaints.

His experience also encompasses noise and vibration control and design specifications for practice and recording studios as well as rehearsal and performance spaces. Projects include: Royal Academy of Music, Henry Wood hall, and the University of Surrey rehearsal studios.