

Curriculum Vitae, Reuben Peckham

Full Name: Michael Reuben Peckham

Position: Director & Principal Consultant, 24 Acoustics Ltd

Contact Details: 24 Acoustics Ltd, Pepper Mill Barn, Old Salisbury Lane, Romsey, SO51 0GD

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Date of Birth: 4th May 1974

Citizenship: British

Academic Qualifications: BEng 'Engineering Acoustics and Vibration', Institute of Sound and Vibration Research, University of Southampton, 1995;

MPhil 'Whole Body Vibration', Institute of Sound and Vibration Research, University of Southampton, 2000.

Professional Qualifications: Chartered Engineer;

Corporate member of the Institute of Acoustics.

Offices Currently Held: Member of the Institute of Acoustics' Specialist Noise and Vibration Engineering Technical Committee;

Examiner, Institute of Acoustics' Postgraduate Diploma in Acoustics. Noise and Vibration Control Engineering module.

Employment History:

2005- Current	Director & Principal Consultant, 24 Acoustics Ltd.
2002-2005	Bureau Veritas Principal Consultant & Business Development Manager.
2002	RPS Planning Transport & Environment Senior Consultant.
2000- 2002	Acoustic Technology Ltd, Consulting Engineer.
1997- 1999	Institute of Sound and Vibration Research, University of Southampton , Research Assistant & Consultant.
1995- 1996	Jaguar Cars Ltd, Noise, Vibration & Harshness Engineer.

Key Experience

Environmental Noise/ Vibration:

Calculation and assessment of environmental noise from industry, renewable energy sources inc wind farms/ turbines in accordance with ETSU-R-97, minerals & waste and infrastructure (road, railways, airports) in accordance with all relevant methodology for stand-alone/ EIA purposes;

Measurement of noise and vibration, baseline/ ambient, construction sites, industrial sites etc;

Experienced in the modelling and calculation of noise and vibration from industrial and infrastructure using both proprietary noise-mapping software and other techniques developed in-house;

Modelling and measurement of underwater noise sources. Prediction of groundborne sources (e.g. dock activity) on the marine environment.

Prediction of ground borne noise and vibration from railway/ road/ construction activities;

Specialist technical experience in the measurement and assessment/ control of noise from wind turbines and wind farms (working for developers and local planning authorities).

Investigation and engineering control of environmental noise/ vibration and liaison/ negotiation with statutory authorities agree satisfactory levels in accordance with relevant planning legislation and the Environmental Protection Act, 1990.

Architectural Acoustics:

Specialist technical inspector for Robust Details Ltd;

Have acted as design team member and advised upon the acoustic design of large residential/ mixed used developments, schools, hospitals, recording studios etc. Scope has included protection of external noise (upon internal spaces), prevention of external noise break-out, sound insulation and acoustical engineering of sensitive internal spaces.

Industrial Acoustics:

Use of vibration measurement techniques to predict noise source levels from industrial plant and machinery;

Engineering noise/ vibration control of a range of plant, including oil and gas processing terminals, power stations (nuclear, biomass, combined gas heat recovery stations etc.);

Occupational noise and vibration risk assessment for all heavy industries, including provision of engineering control measures to reduce personnel noise/ vibration exposure.

Expert Witness Services:

Have acted as an expert witness in courts of law (at Magistrates, Crown, County and High Court level) and at planning appeals and public inquiries.