

Curriculum Vitae, Aileen Reed

Full Name: Aileen Reed

Position: Senior 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: 17th September 1970

Citizenship: N. Irish

Academic Qualifications: BEng 'Electroacoustics', Salford University, 1993;

Professional Qualifications: Member of the Institute of Acoustics.

Employment History:

2011- Current	Senior Consultant, 24 Acoustics Ltd.
2004-2011	Full time mother.
1996 - 2004	Acoustic Technology Ltd/Bureau Veritas Consulting Engineer.
1993- 1996	ACIA Engineering Acoustics Assistant & Consulting Engineer.

Key Experience

Environmental Noise/ Vibration:

Experienced in the calculation and assessment of environmental noise from industry, renewable energy sources inc wind 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;

Prediction and assessment of construction noise in accordance with relevant guidance;

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

Specialist experience in acoustic modelling of petrochemical plant/oil & gas terminals and developing environmental noise management schemes for those sites;

Assessment of ground borne vibration from railway/ construction activities.

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;

Occupational noise and vibration risk assessment for an extensive range of industries, including offshore. Provision of engineering control measures to reduce personnel noise/ vibration exposure.

Assessment of industrial injury claims relating to occupational noise and vibration exposure.