

F1:AcousticsCoLtd

PROFILE

Robert Miller - Director

BSc (Hons) MIOA

T: +44 1227 770 890

M: +44 777 160 2812

E: rob@f1acoustics.com

W: f1acoustics.com

Introduction and Experience

Robert has six years acoustics consultancy experience and holds a degree in Music, Acoustics and Recording BSc (Hons) from the University of Salford, 2005. He started his career in 2006, employed by RPS as an Assistant Acoustic Consultant and was promoted to Acoustic Consultant in 2008. In 2012 Robert set up F1 Acoustics Co Ltd with Rupert Burton in association with F1 Sound Co Ltd.

Robert has proven experience in many acoustic disciplines including; a range of survey skills for different assessments; environmental assessment for construction noise, site suitability and plant noise assessment including mitigation specification; building acoustics assessment and specification for residential, commercial, education and healthcare developments; and ES and EIA noise and vibration chapters for large developments in residential, commercial, industrial and energy sectors.

Areas of Experience and Key Projects

Construction Noise and Vibration

Liaison with local planning authorities; noise and vibration impact assessment in accordance with BS 5228; pre-construction noise monitoring; construction noise and vibration monitoring; input into CEMPs and Noise and Vibration Management Plans; advice on the mitigation of construction noise and vibration following Best Practice; and complaint investigation.

- Westfield (Stratford) and Athletes Village (London 2012), 2008 – 2012. Discharge of planning conditions and long-term (4 years) construction noise monitoring.
- East Street Farnham (town centre redevelopment), 2008 and 2010. Construction noise and vibration assessment to BS 5228 as part of the EIA chapter.

Education and Healthcare

Baseline noise and vibration assessments; site suitability assessment; assessment of Education facilities in accordance with BB93; assessment of Healthcare facilities in accordance with HTM 08-01; predictions of noise break-in and internal noise levels; internal partition, door and screen acoustic specification; BS 4142 assessments for associated plant; design advice throughout the duration of a project; and BREEAM assessments.

- Surbiton Hospital (redevelopment into Primary School and new Community Healthcare centre), 2011 – 2012.
- Queen Victoria Hospital (new six theatre block development), 2012.

Energy and Infrastructure

Liaison with local planning authorities; baseline noise and vibration assessment; detailed noise modelling for planning and design; assessment for EIA and chapter authorship; mitigation advice and specification; BS 4142 assessments; environmental permit applications; and ETSU-R-97 assessments for wind farms.

- Dong Energy, Burbo Bank Extension (onshore infrastructure and sub-station), 2011 – 2012.
- Project Alaska (four turbine wind farm), 2009. Baseline noise survey, assessment and noise Environmental Statement (ES) chapter.
- Grundon EfW, Perth, 2011. Noise modelling, assessment and EIA chapter.

International work providing acoustic surveys; assessments to World Health Organisation, International Finance Corporation (World Bank Group) and national standards; and chapters for Environmental Audits and EIAs of onshore oil extraction and processing facilities.

- BP, REB Oil Field, 2009 – 2010. Survey of noise at the facilities (source term noise measurements at the main processing compounds and unattended surveys in the local community and staff camps); assessment to international standards; and preparation of Environmental Audit chapter.
- Bankers, Patos Marinza, Albania, 2011. Noise surveys at the site and in the local community; source noise measurements; noise at work measurements; assessment to international standards; EIA chapters for four development projects and a report for the noise at work assessment.

Residential and Commercial

Baseline noise and vibration assessments; site suitability survey and assessment in accordance with PPG 24(withdrawn), BS 8233 (residential only) and NPPF; modelling (SoundPLAN 7) of the existing noise sources and proposed development to provide mitigation advice and specification; design advice throughout the duration of a project; discharge of planning conditions; BS 4142 assessments for fixed plant; assessment of associated traffic, and BREEAM assessments.

- Rugeley Power Station (former site A redevelopment for 200+ dwellings), 2010.
- Winnersh Residential Development (brownfield redevelopment for 9 dwellings and a care home), 2009.

Transport

Baseline noise and vibration assessments; road traffic related predictions and assessments in accordance with DMRB, CRTN, Noise Insulation Regulations 1988 and Part 1 of the Land Compensation Act 1973; rail noise predictions in accordance with CRN; noise modelling and mapping for all modes of transport.

- A22 Part 1 Claims, 2007.
- A303, near Andover (existing mitigation review and improvement strategy), 2012. Traffic review, modelling and assessment for a proposed business park.

Qualifications and Memberships

- Music, Acoustics and Recording BSc (Hons), University of Salford.
- Member of the Institute of Acoustics (MIOA).
- Member of the Institute of Acoustics Environmental Noise Group committee (IOA ENG).
- Member of the Institute of Acoustics Young Members committee (IOA YM).
- Certificate of Competence: Environmental Noise Measurement, Institute of Acoustics.
- Sound Insulation Measurements course, Brüel & Kjær.
- Construction Skills Certification Scheme registered.

Industrial

Liaison with local planning authorities; baseline and source measurement noise and vibration surveys; baseline noise and vibration assessment; detailed noise modelling for planning and design; assessment for EIA and chapter authorship; mitigation advice and specification; BS 4142 assessments; assessment of associated HGVs and traffic; environmental permit applications; and assessments in accordance with The Control of Noise at Work Regulations 2005.

- Mabey Bridge, Chepstow, 2011. Baseline and source noise level measurements.
- Solstice Park Distribution Centre, Salisbury, 2010. Noise surveys, modelling, assessment and EIA chapter.

Entertainment and Events

Liaison with local licensing authorities; baseline noise assessments; noise management plans; assessments of event feasibility; event sound monitoring and management; and event noise predictions.

- Glastonbury Festival, 2009 onwards.
- Leeds Festival, 2008 onwards.
- Alexandra Palace, various events, 2009 onwards.