



C I R R I C U L U M V I T A E :

IAN MATTHEWS CEng MEng MIOA AMIMechE



QUALIFICATIONS



CEng Chartered Engineer – Institute of Acoustics (2011)
MIOA Institute of Acoustics Corporate Member (2005)
MEng Engineering Acoustics and Vibration - ISVR (2001)
AMIMechE Institute of Mechanical Engineers Associate Member (2001)
Registered Sound Tester via the ANC Registration Scheme (2011)
CSCS & CITB approved site operative (2016) (No 01945796)
DBS Checked with Update Service
BREEAM “Suitably Qualified Acoustician.”

CAREER HISTORY



RED TWIN LIMITED – Director and Principal Consultant
April 2010 to present

I formed Red Twin to provide specialist advice in the fields of acoustics, noise and vibration. I have particular expertise in construction, architectural and environmental acoustics and on-site measurement of both sound and vibration. I ensure the company invests in the latest tools to ensure accuracy and efficiency is brought to every project and I am involved personally at every level. I proactively seek improvement and have been granted a patent for a novel acoustic surface.



Hawksmoor Engineering Ltd – Senior Acoustic Engineer
Jan 2004 to April 2010

I held responsibility for all aspects of Hawksmoor project workload including the operation of the Bristol office and staff covering the Southern half of the UK. I specialised particularly in building projects in the education, residential and leisure industry.



Airbus UK Ltd – Acoustic Fatigue Engineer
Aug 2001 – Jan 2004

I was responsible for analysis, calculation and reporting of acoustic fatigue issues for airworthiness certification with the CAA which included all Airbus types certified up to and including the A380. I was UK based project manager for the EC funded research project ROSAS which investigated novel concept aircraft for low noise, and I was involved in a technical capacity in the aero-acoustics research programmes SILENCE(R) and XNOISE2 looking into prediction and control of aerodynamic noise on airframe components. I had close liaison with the Aerodynamics, Structures, R&D and Future project departments of the business as well as with external academic institutions in the UK and abroad.

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