

1. QUALIFICATIONS AND EXPERIENCE of Rupert Maurice Thornely-Taylor

- 1.1.1 He is a Fellow of, and was a founder member of, the Institute of Acoustics, a Member of the Institute of Noise Control Engineering of the USA and a Member of the International Institute of Acoustics and Vibration. He has specialised exclusively in the subjects of noise, vibration and acoustics for more than 49 years. He has been an independent consultant in these subjects for the past forty five years, and heads the practice known as Rupert Taylor FIOA.
- 1.1.2 He is a past President and Honorary Member of the Association of Noise Consultants (and recipient of the ANC Outstanding Contribution Award) and a Director of the International Institute of Acoustics and Vibration. He was for ten years a member of the Noise Advisory Council chaired by the Secretary of State for the Environment, and was chairman and deputy chairman of two of its working groups; He was a member of the Scott Committee, which drafted the basis of the noise section of the Control of Pollution Act 1974.
- 1.1.3 He is the author of the Pelican book NOISE, and editor or co-author of many other books including the Association of Noise Consultants Guidelines Measurement and assessment of Groundborne Noise and Vibration". He is a member of the Working group that produced the recent ISO Standard 14837-1:2005 "Mechanical vibration - Ground-borne noise and vibration arising from rail systems - Part 1: General guidance". He has prepared reports on noise for the OECD. He is a member of the Scientific Committee of the 21st International Congress on Sound and Vibration in Beijing 2014.
- 1.1.4 He has extensive experience of construction noise and vibration, and has carried out construction noise studies of the Jubilee Line Extension, Crossrail, Dublin Metro North, Thameslink 2000 and has been expert witness on construction noise in inquiries into several major infrastructure developments including Victoria Station Upgrade. He was expert witness in the House of Commons Select Committee on the Channel Tunnel Rail Link Bill, and in the House of Commons and House of Lords Select Committees on the Crossrail Bill.