



## Graham Hornby

Associate Director  
WSP UK Limited

### Career Summary

Graham has over fifteen years experience in the field of acoustics, gained on a variety architectural, environmental and building commissions. These cover a wide range of projects and clients, including industrial, commercial residential and education sectors.

During that time Graham has dealt with numerous construction noise and vibration impact assessments and measurement programmes.

Graham has experience of managing a team of consultants and project management of large and small projects in Australia, UK, US, Dubai, Qatar, Libya and across Europe.

### Professional Qualifications

#### Education and Training

- 2003 – BSc(hons) Environmental Health – Middlesex University
- 1999 – Post Graduate Diploma in Acoustics and Noise Control
- 2006 – Level 6 Diploma in Occupational Safety & Health

#### Professional Memberships

- 2003 – Member of the Institute of Acoustics
- 2012 – Member of the Australian Acoustical Society

## Selected Relevant Experience

2013 *Cape Lambert Port B Noise Assessment, The Pilbara, Australia*

Project managing and client relationship manager for a noise impact study for new process facility as part of a larger 283Mtpa iron ore port project, including a peer review of a third party noise report and modelling. The overall Cape Lambert Port B Project is one of the largest resource projects ever undertaken in Australia.

2013 *Mesa A & Warramboos Mines Noise Assessment, Australia*

Project managing a site measurements and noise modelling and blast vibration study for an existing mine facility including future expansion proposals. Long term noise measurements were undertaken and supplemented with attended measurements during key blasting activities.

2013 *Rio Tinto Iron Ore New Mining Trucks Roll-out Programme, Australia*

Project managing the sound power level determination measurements and occupational noise and vibration exposure assessments for circa 200 new mining trucks at a number of new and existing mine sites in the Central Pilbara region, including the new Hope Downs 4 site.

2013 *Sino Iron Ore - Transhippers, Australia*

Project managing the investigation of noise and vibration issues on a number of newly constructed transhippers (mechanical ore handling vessel for transporting ore from port to larger vessels out at sea). This was expanded to include design of mitigation measures focussing on hydraulic packs and air handling systems. Due to client satisfaction on the first transhipper the appointment was expanded to look at a third transhipper in construction in a ship building yard in China.

2009 *Proposed Open Cast Coal Mine, St Helens MBC (UK)*

Provided expert witness services at a Public Inquiry on behalf of a local planning authority relating to noise impacts for a proposed open-cast mine site in a rural location. This included detailed review of noise and vibration predictions, particularly associated with the preliminary earth works where impacts were at their greatest.

## Employment History

### **WSP Group**

2013-Present – Associate Director

### **AECOM Australia Pty Ltd**

2010-2013 – Team Leader – Acoustics / Specialisms Leader

### **WSP Group**

2005-2010 – Principal Acoustic Consultant.