



Niall Vaughan Acoustic Specialist

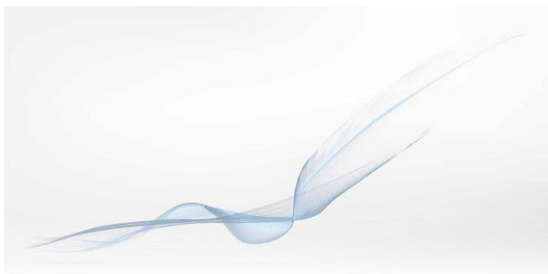
Professional History

- 2010 – Present
CLV Consulting: Cork, Ireland
Acoustic Consultant
- 2001 – 2010
AWN Consulting: Cork, Ireland
Senior Acoustic Consultant
- 1998 – 2001
Quest International
Assistant Environmental Manager



Professional Skills

- ✓ Architectural Acoustic Design
- ✓ Building Acoustic Design
- ✓ MEP Acoustic Design
- ✓ Environmental Impact Assessments
- ✓ Sound Insulation Testing
- ✓ Building Acoustic Commissioning Testing
- ✓ Noise At Work Assessments
- ✓ Vibration Assessments
- ✓ Peer Reviews
- ✓ Computer Modelling
- ✓ Expert Witness



Experience Summary

Niall Vaughan is an acoustic consultant who has been working in the acoustics sector since 1998. He started CLV Consulting in 2010 which offers specialist acoustic and vibration consultancy services. His primary role has been providing acoustic consultancy to large scale chemical and pharmaceutical facilities and to the food and beverage sectors. He also has extensive experience in the fields of architectural and mechanical acoustic design and building acoustics.

Academic Training / Certifications

- Bachelor of Science in Environmental Science
University of Bradford
- Diploma in Acoustics and Noise Control
Institute of Acoustics
- Certificate of Competence in Building Acoustic Measurements
Institute of Acoustics

Affiliations

- Member of Institute of Acoustics (Ireland & UK)

Past Project Experience**Hotel / Residential Design**

- River Lee Hotel, Cork.
Design of six storey hotel / residential complex in central Cork with lower level office / commercial space.
- Radisson Blu Hotel & Spa, Cork.
Design of boutique hotel near Cork city with high profile conferencing area.
- Cork Airport Hotel, Cork.
Design of hotel near Cork city with high profile conferencing area.
- Hogs Head Private Resort / Hotel, Co. Kerry.
Design of a boutique private resort in Waterville, Co. Kerry comprising of a hotel and separate villas.
- Deerpark Hotel, Cork.
Design of boutique hotel near Cork city with high profile conferencing area.

Pharmaceutical, Chemical and Food & Beverage Sector

- MSD, Wicklow, Ireland.
Environmental & occupational assessments and the provision of mechanical acoustic design guidance.
- Boston Scientific, Cork, Ireland.
Mechanical acoustic assessment and selection guidance.
- Janssen Pharmaceuticals, Cork, Ireland.
Environmental noise assessments and mechanical system selection guidance.
- PepsiCo, Cork, Ireland.
Environmental & occupational assessments and the provision of mechanical acoustic design and selection guidance.
- BASF, Cork, Ireland.
Environmental & occupational assessments and the provision of mechanical acoustic design and selection guidance.
- Dairygold, Cork, Ireland.
Environmental impact assessments and the provision of mechanical acoustic design and selection guidance.
- Heineken Ireland, Cork, Ireland.
The provision of mechanical acoustic design and selection guidance.

Office Design

- Arup Consulting Engineers, Cork, Ireland.
Acoustic design, review and testing of Arup's recently commissioned offices in One Albert Quay, Cork..
- 1 - 6, Sir John Rogerson's Quay, Dublin, Ireland.
Acoustic review and design of five storey office and retail development.
- City Gate, Mahon, Cork, Ireland.
Acoustic review and commissioning of five storey office development with a gym on the ground floor and the provision of mitigation measures.
- AIB Headquarters, Ballsbridge, Dublin., Ireland
Environmental noise and guidance for office acoustics.

School Design

- University College Cork, Cork, Ireland.
Acoustic design throughout an expansion project.
- University College Limerick, Ireland.
Acoustic design throughout an expansion project.
- University College Dublin, Ireland.
Speech privacy design guidance in various offices and in the main campus' library.
- Ashton Secondary School, Cork, Ireland.
Acoustic assessment of the school and the provision of mitigation measures.
- Bridgetown Vocational College, Wexford, Ireland.
Acoustic assessment of the school and the provision of mitigation measures.

Miscellaneous Acoustic & Vibration Design Projects

- Leo Pharma, Cork, Ireland.
Full mechanical design and review and environmental noise assessment of new pharmaceutical production facility.
- Lidl, Ireland.
Mechanical review and guidance of plant noise at retail stores throughout Ireland.
- ConocoPhillips, Whitegate Oil Refinery, Cork, Ireland.
Computer generated noise model to facilitate the selection of plant equipment.
- One Albert Quay, Cork, Ireland.
Design and review of mechanical plant and building acoustic assessment of a five-story office block.