

Mark Gaudet, P.Eng. C.Eng. (UK), joined BKL Consultants Ltd in 2006 after working as an acoustician in Europe for 21 years. He has a Bachelor of Science degree in Acoustic Engineering from Institute of Sound & Vibration Research, Southampton University, UK.

Mark's primary interest is in architectural acoustics. He has provided acoustic design advice in relation to sound isolation against airborne and structure borne noise, room acoustics, control of noise external to buildings and control of HVAC noise.

Mark has also undertaken a number of environmental noise and vibration assessments in existing buildings and on green field sites for the purpose of limiting the impact of railway noise, traffic noise and vibration on residential and commercial buildings, laboratory facilities, hospitals and broadcast studios.

Mark has been an integral design team member on a number of prestigious projects including the LDS Temples in Vancouver & Calgary, the redevelopment of BBC Broadcasting House Radio Studios and the National Physical Laboratory in London, UK.

In addition, Mark has undertaken diagnostic analysis work including the reduction of the vibration exposure of the Far IR Beam-line at the Canadian Light Source, University of Saskatchewan.

Mark has been instrumental in developing BKL Consultant's procedures for assessing noise from entertainment venues, and for developing sound isolation solutions for complying with City of Vancouver Bylaws.

Having worked for municipal government in London, Mark is experienced in noise complaint investigation, instigating statutory proceedings and providing evidence in court and in planning inquiries. Mark has given evidence in the BC Supreme Court as an expert witness.

Position: Senior Consultant,
BKL Consultants Ltd.

Education: B.Sc. Acoustical Engineering, ISVR
Southampton University, UK

Years of Experience: 26 (Consultancy: 13)

Architectural Acoustics

- LDS Vancouver and Calgary Temples
- Pender Place Residential Tower
- 18 West Hastings Street - Heritage Building Residential Redevelopment
- UBC Engineering Design Centre
- Okanagan College Penticton Campus

Scientific Laboratories/Hospitals

- Canadian Light Source University of Saskatchewan
- ALS Assay Laboratory
- Langley Hospital Extension
- National Physical Laboratory, London, UK - acoustic design of laboratories, and acoustic test chambers

Entertainment Venues

- The Blarney Stone
- The Astoria Pub
- Forum Sports Bar

Recording & Broadcast Studios

- BBC Broadcasting House, London, UK - acoustic design of radio studios for BBC Radio, and glass construction Radio and TV studios
- Grande Prairie Regional College Recording Studio

Noise Complaint Investigation

- Vancouver Port Authority - Noise and Nuisance Management Plan
- VanTerm & CenTerm audible alarms, Vancouver Port Authority
- Burnaby Mountain Pump Station
- Central Park Pump Station

Expert Witness

- In the Supreme Court of BC - Susuki v. Munroe, 2009 BCSC 1403

