



Brown Strachan Associates

Consulting Engineers in Acoustics

COMPANY PROFILE

Brown Strachan Associates is a consulting firm of experienced professional engineers and technologists providing a specialized service in acoustics, noise and vibration. BSA have over 2000 clients including planners, design professionals, owners, industrial firms, and government agencies. Projects have ranged from predicting the noise of an undersea pumping station in the Beaufort Sea, for evaluating its effect on the migration patterns of the bowhead whale, to providing consulting services on numerous institutional, hotel and residential developments in Canada and internationally.

The firm uses ANSYS and Images-3D finite element analysis, EASE theatre acoustical analysis software, Insul, and a number of in-house computer programs.

Brown Strachan Associates is an ACEC Award of Merit recipient for a Dynamic Vibration Absorber at the Pan Pacific Hotel.

SERVICES

Brown Strachan Associates provide specialized services in the following areas:

- Auditoria & Studios
- Environmental Impact
- Expert Testimony
- Hearing Loss
- Industrial Noise
- Mechanical/Plumbing
- Sound Reinforcement
- Speech Privacy
- Transportation Noise
- Vibration

SENIOR PERSONNEL

David Brown, Robert Strachan, Andrew Fawcett and Aaron Peterson each have extensive experience as consultants in acoustics and are involved in all client contact and engineering work. Associates include DWD Theatre Design (sound systems), Meridian Electronic Labs (custom instrumentation/software), Imogen Hadfield and Jacqueline Lau (project administration).