



Brown Strachan Associates

Consulting Engineers in Acoustics

COMPANY PROFILE

Brown Strachan Associates is a partnership of experienced professional engineers and technologists providing a specialized consulting service in acoustics, noise and vibration. BSA have over 1500 clients including planners, design professionals, owners, industrial firms, and government agencies. Our work relates to building design, environmental studies and industrial noise/vibration problems. 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 projects in Canada and internationally.

The firm uses ANSYS and Images-3D finite element analysis, AutoCad drafting support, EASE theatre acoustical analysis software and a number of in-house computer programs developed over the past 25 years.

Brown Strachan Associates is a member firm of the Association of Canadian Engineering Companies and are recipients of an ACEC Award of Merit for a Dynamic Vibration Absorber for 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
- Aircraft/Traffic/Rail/Housing
- Vibration

ASSOCIATES/KEY PERSONNEL

David Brown and Robert Strachan each have over 25 years experience as consultants in acoustics and are involved in all client contact and engineering work. Partners and associates include Andrew Fawcett (environmental studies, mechanical systems evaluation and speech intelligibility analyses), Douglas Welch (Douglas Welch Design, sound systems), Meridian Electronic Labs (custom instrumentation) and Imogen Hadfield (project administration).



A Member of Consulting Engineers of British Columbia