Jade Acoustics Inc. | Consulting Engineers | 411 Confederation Parkway, Unit 19, Concord, Ontario, L4K 0A8 | Tel: (905) 660-2444, Fax: (905) 660-4110

DALILA C. GIUSTI, P.ENG.

EDUCATION

B.A.Sc., University of Toronto, 1984, Civil Engineering.

Undergraduate thesis topic "Sound Mechanisms and Methods of Control in Residential Development".

Course on Noise Control for Buildings and Manufacturing Plants, Bolt, Beranek and Newman, 1985. The course included the fundamentals of acoustics and sound propagation; and design of noise and vibration control for buildings and mechanical equipment.

AFFILIATIONS

Association of Professional Engineers of Ontario (PEO)
Designated Consulting Engineer (PEO)
Canadian Acoustical Association (Treasurer)
Experience Requirements Committee (ERC), (PEO)

EXPERIENCE

2003 to date - President, Jade Acoustics Inc., Vaughan

1989 to 2003 - Vice-president, Jade Acoustics Inc., Vaughan

Responsible for all aspects of company projects including environmental noise and vibration studies for residential developments including multi-family residences (townhouses, highrise), single family homes; and co-operative developments, control of noise and vibration in buildings due to occupants and mechanical equipment for both residential and commercial facilities, industrial noise control and room acoustics design.

Experience includes preparation of environmental noise studies for both the private sector and government agencies to address noise created by transportation vehicles, industrial operations, mechanical equipment, quarry and pit operations and landfills.

The preparation of the environmental noise studies involves on-site noise measurements, data analyses, design of mitigative measures, report preparation, interfacing with consultants, various levels of government, the public and client liaison.

Involved in committees convened by the Ministry of the Environment to review the noise prediction models (STAMSON 4.1) and to study revisions to the model noise control by-laws.

1984 to 1989 - Senior Engineer, Valcoustics Canada Ltd., Toronto

Responsible for supervision of technical staff, testing, analysis, design, report writing and client liaison.

Preparation of environmental impact studies of noise and vibration for residential, commercial and industrial development and public works projects such as highways, airports, etc., including measurements, analysis, design, computations and report writing.

JADE ACOUSTICS

OTHER PROFESSIONAL ACTIVITIES

Contributing researcher and author of the "Traffic Noise and its Mitigation" section, Roads and Transportation Association of Canada (RTAC) Geometric Design Standards Manual.

Lecturer for cross Canada RTAC seminars on the topic of "Traffic Noise and its Mitigation".

Section in RTAC Manual and lectures included the basic principles of acoustics with emphasis on traffic noise, criteria used to evaluate traffic noise, traffic noise prediction techniques, mitigative measures and sound barrier design.

Research for proposed changes to OBC with respect to exterior noise.

Participating consultant interviewed for the educational video tape, prepared by Event Horizon, "Applied Mathematics: Quadratics", discussion on the acoustics of Roy Thomson Hall.

Expert witness before the Local Planning Appeal Tribunal (LPAT), Ontario Municipal Board (OMB) and the Alcohol & Gaming Commission of Ontario (AGCO).