

Alexander Turkewitsch, B.A.Sc., M.A.Sc., P.Eng.

EDUCATION

- 1980 M.A.Sc. (Mechanical Engineering), University of Waterloo, Waterloo, Ontario
1977 B.A.Sc. (Systems Design Engineering), University of Waterloo, Waterloo, Ontario

PROFESSIONAL AFFILIATIONS

Registered Professional Engineer in the following Provinces: ON, NS, BC, MB, NB
Member, Canadian Society for Bioengineering (CSBE) and the American Society of Agricultural and Biological Engineers (ASABE)
Senior Member, Society of Plastics Engineers (SPE)
Charter Member, Canadian Association for Earthquake Engineering (CAEE)
Member, American Association for the Advancement of Science (AAAS)
Member and Executive, Association of Educational and Research Greenhouse Curators
Member and Secretary, NCERA-101 USDA Committee on Controlled Environment Technology and Use
Member, Ontario Society of Professional Engineers (OSPE)

EXPERIENCE

March 1999 - Present:

Greenhouse Engineering, division of Alex Turkewitsch, P.Eng. Ltd., Toronto, Ontario

- President, Greenhouse specialist consultant.
- Planning, specifying, designing and implementing commercial, institutional and research greenhouse facilities.
- Design and supply specialized subsystems, including irrigation, ventilation, fogging, cooling, shading, heating, automation and mechanization.

1996 - 1999:

Nexus Corporation and National Greenhouse Company, Northglenn, Colorado; Pana, Illinois; Darlington, South Carolina and Toronto, Ontario

- Technical Support Engineer for North America, new product development.
- Design services for commercial, institutional and research greenhouse facilities.
- Structural, mechanical, electrical and control systems design as related to greenhouse facilities.

1991 - 1996: Frank Jonkman & Sons Ltd., Bradford, Ontario

- Chief Engineer
- Design - build and project management services for commercial, institutional and research greenhouse facilities.
- Structural, mechanical, electrical and control systems design as related to greenhouse facilities.

1980 - 1990: Growers Technical Services Ltd., Mississauga, Ontario

- Senior Engineer
- Design services to the commercial greenhouse industry, greenhouse builders and manufacturers, governments, educational institutions and horticultural research stations.
- Technical sales support for greenhouse control equipment and control computers, automated environmental systems, irrigation and nutrient feeding systems, lighting, heating and ventilation.
- Design and project management services for greenhouse structural, mechanical, electrical and control systems and total package projects.