



KHASH VORELL, M Eng, P Eng
CURRICULUM VITAE

Khash Vorell is a Professional Engineer with 16 years of experience in Building Code consulting, Fire Protection Engineering in addition to his structural background. Mr. Vorell holds a Master's Degree in Fire Protection Engineering and Bachelor Degree in Civil Engineering from UBC. He is a member of the Association of Professional Engineers and Geoscientists of BC (APEGBC), Association of Professionals in Engineering and Geoscience in Alberta (APEGA), the Society of Fire Protection Engineers and the National Fire Protection Association. Mr. Vorell is an active member of APEGBC; and past Chair of the Building Codes Committee, as well as a past board member of the Fire Protection Subcommittee of APEGBC.

Khash has extensive experience in fire sciences, material behaviour, performance-based approaches to Building Code compliance. Khash also has a wide range of experience in a variety of new and existing projects, including residential, assembly, care, office, and industrial use facilities.

SPECIALIZED EXPERTISE

- Fire sciences and engineering
- Fire protection planning for complex projects
- Performance-based approaches
- Fire, smoke and evacuation modelling
- Fire risk assessment
- Due diligence & audit of existing structures
- Liaison/negotiations with Authorities
- Project management

PROFESSIONAL EXPERIENCE

- 1998 to Present **GHL CONSULTANTS LTD**, Building Code Consultants and Fire Science Engineers
Associate Principal
- 1996 - 1998 **MGA Connectors Ltd**
Structural Engineer
- 1994 - 1995 **University of BC & Scott Canada Inc**, Department of Civil Engineering
Research Engineer

EDUCATION

- 2012 **Application of Fire Risk Assessment**
Certificate Issued, SFPE, Portland, Oregon
- 2007 - 2008 **Certified Professional (CP) Course**
Association of Professional Engineers & Geoscientists of BC (APEGBC)
- 2005 **Smoke Control I - Fundamentals & Pressurization Systems**
Certificate Issued, SFPE, San Diego, California
- 2005 **Smoke Control II - Design Fires, Atrium Smoke Control & Tenability**
Certificate Issued, SFPE, San Diego, California



2005	Introduction to Structural Fire Engineering Certificate Issued, SFPE, San Diego, California
2000	Masters of Fire Engineering (M Eng) University of British Columbia, Vancouver, British Columbia
1999	Fire Investigation for the Insurance Industry Justice Institute of BC, Vancouver, British Columbia
1999	Smoke Management for Atria & Other Large Spaces Certificate Issued, SFPE, Los Angeles, California
1999	BC Building Code – Part 3 Course British Columbia Institute of Technology (BCIT), Vancouver, BC
1995	Bachelor of Applied Science (BASc) University of British Columbia, Vancouver, British Columbia

PROFESSIONAL REGISTRATION

- Registered Professional Engineer - British Columbia and Alberta

MEMBERSHIPS / COMMITTEES

- Association of Professional Engineers & Geoscientists of BC (APEGBC)
- Association of Professionals in Engineering and Geoscience in Alberta (APEGA)
- Society of Fire Protection Engineers (SFPE), National & BC Chapter
- National Fire Protection Association (NFPA)
- APEGBC – Past chair of Building Codes Committee
- APEGBC – Past board member of the Fire Protection Subcommittee