



Expert Highlights

- Consulting Engineer
- Proven as a credible expert witness under cross-examination in litigation and arbitration.
- Experienced in construction management, including for heavy civil engineering projects.
- Expertise includes forensic investigations and analysis into the cause of structural failures, construction defects, building envelope deficiencies, roof damage and deficiencies, infrastructure failures, geotechnical failures and storm water management.
- Expertise includes assessment of damage to the building structure, building envelope and building science.

Expert Information

Qualifications

P.Eng.
Consulting Engineer
BSc Civil Engineering

Professional Memberships

PEO, APEGBC, APEGS, APEGA, PNS

Services

Forensic Technical, Government
Contracting

Sectors

Buildings, Transportation
Infrastructure

Edward Poon is a professional engineer with more than 15 years of construction and civil engineering industry experience. He has been retained as an expert of more than 50 occasions.

Edward has testified in both litigation and arbitration proceedings on numerous occasions and has acted as the expert for disputed values of up to \$200 million. He is qualified as an expert witness in the Province of Ontario Courts and in alternative dispute resolution.

Edward is experienced in construction management (including for heavy civil engineering projects), quality management, contract administration, health and safety, and quality verification engineering. He provides consulting services regarding the Ontario building code and has worked on municipal and Ministry of Transport Ontario (MTO) projects.

Edward's expertise includes analysis and investigation, or assessment, of damages pertaining to fires, explosions, vibration, ground movement, vehicle impacts, water infiltration, and wind, snow, hail and rain loads. He has undertaken failure analysis and investigations on design and construction deficiencies and has a background in building science and the building envelope. He has also led catastrophe response teams in the insurance industry for events including tornadoes and wildfires.

Edward Poon is a registered professional engineer and a registered consulting engineer in Ontario. He is a member of Engineers Nova Scotia and a member of the Association of Professional Engineers and Geoscientists in British Columbia, Saskatchewan and Alberta.

Contact

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