



MATT TURCO, MASC, P Eng, CP
CURRICULUM VITAE

Matt Turco is a Professional Engineer registered with Engineers and Geoscientists BC and is a Certified Professional. He holds a Master of Applied Science Degree in Civil Engineering from Carleton University, specializing in Fire Safety Engineering, as well as a Bachelor of Engineering Degree in Civil Engineering from Carleton University. Matt implements performance-based fire engineering analysis and assists in the development of Alternative Solutions and Building Code compliance.

Matt's master's research involved testing the influence of sprinklers on radiation heat transfer to prevent fire spread to adjacent properties. Additionally, he has been involved in numerous research projects relating to mass timber construction testing, including protection configurations for CLT compartments, connection configurations for CLT floor panels, spacing impacts on NLT, and flame spread of mass timber assemblies. In 2015, Matt received the Canadian Fire Safety Association Founders Award for Leadership and Excellence.

Matt implements performance-based fire engineering analysis and assists in the development of Alternative Solutions and Building Code compliance.

SPECIALIZED EXPERTISE

- Alternative Solution Development
- Fire Hazard and Risk Analysis
- Due Diligence Reviews of Existing Buildings
- Fire Modelling
- Fire Testing
- Heat Transfer Analysis
- Water Supply and Fire Flow Analysis
- Fire Sciences

PROFESSIONAL EXPERIENCE

- June 2017 – Present **GHL CONSULTANTS LTD**, Building Code and Consultants and Fire Science Engineers
Professional Engineer
- January 2017 – April 2017 **Jensen Hughes Consulting Canada**
Project Consultant, Ottawa
- October 2016 – January 2017 **Parsons**
Associate Bridge Engineer, Ottawa

EDUCATION

- September 2013 – September 2015 **Master of Applied Science (MASC), Civil Engineering**
Carleton University, Ottawa, ON
- September 2008 – June 2013 **Bachelor of Engineering (BEng), Civil Engineering**
Carleton University, Ottawa, ON

RELATED COURSES

- 2020 **Certified Professional (CP) Course**
Engineers and Geoscientists BC

MEMBERSHIPS

- Engineers and Geoscientists BC – P Eng