



Chase Wang

P. Eng, CFEI, CVFI, CCFI-C

Forensic Engineer, Fire and Explosion Investigator

OFFICE

Burlington

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CONTACT

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Chase is a Materials Engineer and Certified Fire and Explosion Investigator with five years of experience. He has a bachelor's and a master's degree in engineering with a specialty in Materials Engineering from the University of Toronto. Chase has been involved in more than 400 fire investigations and 80 water loss and failure analysis investigations and has prepared more than 200 formal engineering reports.

EDUCATION

University of Toronto

Master of Engineering, Material Science & Engineering
Toronto, Ontario, Canada
2018

University of Toronto

Bachelor of Applied Science and Engineering, Material Science & Engineering
Toronto, Ontario, Canada
2017

PROFESSIONAL REGISTRATION/LICENSING

- Professional Engineers Ontario (PEO), P.Eng
- Association of Professional Engineers and Geoscientists of Alberta (APEGA), P.Eng
- Engineers and Geoscientists of British Columbia (EGBC), P.Eng.

TECHNICAL AFFILIATIONS

- Member – National Association of Fire Investigators
- Member – Canadian Association of Fire Investigators
- Member – Professional Engineers Ontario
- Member – Association of Professional Engineers and Geoscientists of Alberta
- Member – Engineers and Geoscientists British Columbia

CERTIFICATIONS

- Certified Fire and Explosion Investigator (CFEI)
- Certified Vehicle Fire Investigator (CVFI)
- Canadian Certified Fire Investigator Level C (Canadian Association of Fire Investigators)
- X-Ray Fluorescence Operator (National Resources Canada)

PROFESSIONAL EXPERIENCE

Fire and Explosion Investigator, Forensic Engineer

OCI Group (Formerly Origin and Cause Inc.)

Burlington, Ontario

March 2024 – Present

Forensic Engineer and Fire Investigator

T. Smith Engineering Inc.

Toronto, Ontario

April 2019 – February 2023

- Conduct on-site inspections to assess damage resulting from product, component, and material failures
 - Employ non-destructive and laboratory material testing techniques to investigate failures, determine their origin and cause, and provide expert opinions through formal reports
 - Specialize in investigating property damages, with extensive experience in fire and water loss investigations
 - Document site conditions, executing thorough fire investigations according to NFPA 921 standards, and collecting statements and evidence from relevant parties
 - Perform non-destructive and destructive evidence examinations independently and during joint investigations
 - Prepare formal reports with professional engineering opinions on the origin and cause of the losses for subrogation and litigation purposes
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FURTHER TRAINING & EDUCATION

Training Seminar “Stay Out Of The Fire – Understanding Your Role in Complex Fire Investigations” (14 hours)

Canadian Association of Fire Investigators, Chapter 006, South Central Ontario
2023

Certified Fire Investigator Training (60 hours – tested)

CFItrainer. Net

2022

NFPA 921 – Certified Fire and Explosion Investigator Training (40 hours – tested)

Fire and Emergency Services Training Institute

2021

X-Ray Fluorescence Operator Level 1 Training (8 hours – tested)
Center for Health & Safety Innovation
2020

Working at Heights (8 hours – tested)
Infrastructure Health & Safety Association Waterloo
2022