CURRICULUM VITAE

Dina Castelletto, B.A.Sc., M.A.Sc.

(416) 368-1700 | dcastelletto@30fe.com
902 – 40 University Ave., Toronto, ON M5J 1T1

EXPERT SUMMARY

Ms. Dina Castelletto is an Associate with the Fire & Electrical group at 30 Forensic Engineering. She holds a Bachelor of Applied Science in Chemical Engineering with Honours, including a minor in Engineering Business, and a Master of Applied Science in Materials Science and Engineering from the University of Toronto. Her Master's thesis focused on the development of low-smoke, zero-halogen polymer composites for wire and cable applications. Over the years, Dina has amassed experience in education and training, investigative failure analysis work, and project coordination.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Fire loss investigations
- Report writing
- Root cause failure analysis

ACADEMIC BACKGROUND

Master of Applied Science in Materials Science and Engineering, University of Toronto, Toronto, Ontario, 2024

Bachelor of Applied Science with Honours in Chemical Engineering with a minor in Engineering Business, University of Toronto, Toronto, Ontario, 2022

Certificate in Forensic Engineering, University of Toronto, Toronto, Ontario, 2022

PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Associate, Fire & Electrical
2024 – Present, Toronto, ON

- Conduct fire origin and cause investigations involving commercial, residential, and industrial properties, including site examinations and collection, tagging, and preservation of physical evidence
- Conduct product and appliance failure analysis

- Communicate findings through verbal and written reports
- Work in multidisciplinary teams specializing in fire and electrical with respect to catastrophic and complex failure investigations

University of Toronto

Teaching Assistant
September 2023 – December 2023, Toronto, ON

- Conducted in-person practical sessions
- Communicated with students about inquiries or assignments
- Assessed student performance and participation and evaluated written assignments

Falconmet Engineering & Laboratories Inc.

Full-Time Summer Intern
May 2022 – August 2022, North York, ON

- Cut, mounted and prepared samples for laboratory testing and investigative work
- Assisted in investigative failure analysis work (non-destructive and destructive testing) and contributed to joint investigations with other firms
- Operated a scanning electron microscope (SEM)
- Wrote failure analysis reports to present to clients

Loblaw Companies Ltd.

Project Coordinator Intern
2020 – 2021, Brampton, ON

- Collaborated with teams to initiate project work
- Attended and contributed to project meetings and completed weekly project status updates
- Managed the internal resource portal (SNOW) and created and delivered training material for succeeding employees

exp Services Inc. (Engineering)

Full-Time Summer Student
May 2019 – August 2019, Brampton, ON

- Updated database where project sheets are stored, and read and edited project sheets
- Reviewed past exp work
- Bound proposals and bids for projects

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- National Association of Fire Investigators, Member