

Dayna Schols

B.E.SC., EIT



1336 Sandhill Drive
Ancaster, Ontario L9G 4V5

EDUCATION

Western University for Mechanical Engineering

PROFESSIONAL EXPERIENCE

Dayna is an EIT with an Engineering Degree from Western University. She has several years of experience leading mechanical claims investigations as well as assessing product quality control procedures for design refinement. Her professional experience also encompasses risk assessment and analyzing equipment breakdown claims.

June 2018 to present

*Forensic Expert, **Origin and Cause Inc.***

Ancaster, ON

- Assisting with mechanical loss files through field investigations, supplemental research and client communication
- Operating 3D Keyence Microscope and X-ray machines to collect images for multiple types of losses, research and examination
- Actively testing a range of household mechanical appliances to categorize losses between user, installation, design and manufacturing issues

May 2016 to June 2018

*Junior Mechanical Forensic Engineer, **Arcon Forensic Engineers***

Toronto, ON

- Independently led mechanical loss case files in their entirety, which includes conducting field inspections, lab examinations and full technical reports
- Actively assisted in marketing activities to improve and build company-client relationships
- Frequently assessed quality control of products and services to determine avenues for failure mitigation. This improved my leadership in the field, knowledge of legal procedures and my creative problem solving
- This position required a sharp eye for detail and strong team work between legal parties, other party engineers and workplace departments

May 2014 to September 2014

*Engineering Summer Student, **The Boiler Inspection and Insurance Company of Canada***

Toronto, Ontario

- Analyzed equipment breakdown claims valued at over \$100,000
- Created insurance & inspection manuals on new products for companywide reference
- Actively involved in generating insurance quotes and risk evaluation guides
- This improved my knowledge and skills in risk assessment, loss prevention and technical writing

May 2013 to September 2013

*HVAC External Plant Engineering Operations Student, **Enwave Energy***

Toronto, Ontario

- Carried out regular site visits to a HVAC plant to report on daily monitoring, status, efficiency and billing reports
- Composed a detailed guide manual for operation of the HVAC plant for use by senior management
- This introduced me to understanding Toronto's district heating and cooling system, hands on HVAC operations and monitoring skills