CURRICULUM VITAE

Emily Saleh, B.Eng., P.Eng. *(she/her)*

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EXPERT SUMMARY

Ms. Emily Saleh is a Senior Associate with the Civil & Structural Engineering group at 30 Forensic Engineering and specializes in Building Science. Emily started her career in the building restoration industry reviewing and repairing commercial and residential buildings. During her time in the forensics industry, she has investigated files related to water infiltration, concrete deterioration, fire damage, membrane failures, poor construction and structural damage. She has also investigated design defects/damage related to roofing systems, window walls, curtain walls, masonry, EIFS, and various wall assemblies. She is certified in Infrared Thermography—Buildings Level I and obtained a certificate in Building Science from the University of Toronto School for Continuing Studies in 2018. Emily achieved her P.Eng. designation in early 2017.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Civil Engineering – Building Science and Structures
- Building, Property, and Construction Failures
- Building Condition Assessments
- Construction Specifications, Contract Preparation, and Tendering
- Repair and Restoration of Buildings
- Infrared Thermography – Buildings Level I

ACADEMIC BACKGROUND

Bachelor of Engineering in Civil Engineering, Ryerson University, 2009

Certificate in Building Science, University of Toronto School of Continuing Studies, 2018

ADDITIONAL COURSES

- Roof Systems – U of T BSSO Certificate
- Wall Systems – U of T BSSO Certificate
- Building Envelope Materials – U of T BSSO Certificate
- Building Sciences II – U of T BSSO Certificate

- Building Sciences I – U of T BSSO Certificate
- Mechanical Systems – U of T BSSO Certificate
- Thermal/Infrared Thermography, Level I for Buildings

PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Senior Associate, Civil & Structural Engineering
2020 – Present, Toronto, ON

- Building Science
- Building systems and structural failure analysis
- Construction assessments, including costing, deficiencies
- Building code assessments
- Inspections and approval for civil and structural projects

Associate, Civil/Structural
2014 – 2020, Toronto, ON

Halsall Associates

Project Associate
2010 – 2014, Toronto, ON

- Coordinate construction restoration projects in the GTA
- Systematically evaluate structures, building envelopes and overall site conditions
- Design repair solutions and develop management strategies with estimated costs
- Create specification, tender and contract documents
- Coordinate tender process, analyze submitted bids and provide recommendations

SNC Lavalin

Project Assistant – Summer Intern
2008 – 2008, Etobicoke, ON

- Completed material take-offs
- Coordinated project specification documents

Azimuth Three Enterprises

Detailer and Assistant to Project Managers (Summer Intern)
2006 – 2007, Brampton, ON

- Designed AutoCAD shop drawings for steel structures and issued fabrication work orders

- Worked with shop manager to resolve fabricator concerns
- Prepared cost and material estimates for projects

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- Professional Engineers and Geoscientists of British Columbia (EGBC), Professional Member
- Association of Professional Engineers and Geoscientists of Alberta (APEGA), Professional Member
- Professional Engineers of Ontario (PEO), Member
- Engineers Geoscientists Manitoba Member
- Member of Building Science Association of Ontario (BSAO)
- Member of International Institute of Building Enclosure Consultants (IIBEC)

AWARDS AND ACHIEVEMENTS

- Concrete Forming Association of Ontario, 2008