



SEAN DEWINTER, P Eng
CURRICULUM VITAE

Sean deWinter is a Professional Engineer registered with Engineers and Geoscientists BC. He holds a Bachelor of Applied Science Degree in Honours Mechanical Engineering from the University of Waterloo. Sean is currently a Candidate for a Master of Applied Science Degree, also at the University of Waterloo. Sean implements performance-based fire engineering analysis and assists in the development of Alternative Solutions and Building Code compliance.

SPECIALIZED EXPERTISE

- Heat transfer analysis
- Evacuation / egress analysis
- Fire modelling (CFD)

PROFESSIONAL EXPERIENCE

July 2015 – Present	GHL CONSULTANTS LTD , Building Code Consultants and Fire Science Engineers <i>Professional Engineer</i>
May – August 2014	THE PETROLEUM INSTITUTE , Research Institute and University <i>Research Assistant</i>
September – December 2013	WALTERFEDY , Construction Consultants <i>Jr. Mechanical Designer</i>
January – May 2013	HIDI RAE , Mechanical and Electrical Consultants <i>Engineering Assistant</i>
May – August 2012	PCL , General Contractors <i>Field Engineering Student</i>
September – December 2011	<i>Estimating Student</i>
January – May 2011	TWEEDIE AND ASSOCIATES CONSULTING ENGINEERS , Mechanical Consultants <i>Engineering Student</i>

EDUCATION

Sept 2010 – May 2015	Bachelor of Applied Science (BASc), Honours Mechanical Engineering University of Waterloo, Waterloo, ON 5-year Undergraduate Degree Program (Co-op)
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MEMBERSHIPS

- Engineers and Geoscientists BC

PUBLICATIONS

- Rodgers, P.; Diana, A.; Bojanampati, S.; DeWinter, S.; Krishna, V.; Gulati, P.; Eveloy, V.; ElSayed, L., "Experimental characterization of thermally enhanced polymer composite heat exchangers," Thermal Measurement, Modeling & Management Symposium (SEMI-THERM), 2015 31st, vol., no., pp.208, 215, 15-19 March 2015. Available online at:
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7100162&isnumber=7100113>