

CURRICULUM VITAE

Monica L. Bennett, B. Sc., E.I.T., C.F.E.I.

ACADEMIC QUALIFICATIONS

- 2009 Bachelor of Science in Mechanical Engineering (with distinction)
University of Alberta
- 2009 Passed the National Council of Examiners for Engineering and Surveying
Fundamentals of Engineering Exam

CONFERENCES, MEETINGS AND TECHNICAL TRAINING

- *Requirement of Materials by Piping Code ASME B31.1*, Global Innovative Campus, Edmonton, Alberta, October 2011
- *Fire Cause & Origin II*, Justice Institute of British Columbia, Calgary, Alberta, September 2011
- *Autodesk Algor Simulation Mechanical Events*, IMAGINIT Technologies, Edmonton, Alberta, January, 2011
- *Autodesk Algor Simulation*, IMAGINIT Technologies, Edmonton, Alberta, July 2010
- *Fire, Arson and Explosion Investigation Training*, National Association of Fire Investigators, Boston, Massachusetts, March 2010

PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS

- Member, Association of Professional Engineers, Geologists and Geophysicists of Alberta
- Member, National Association of Fire Investigators

PROFESSIONAL CAREER

- 2008 - Present ANDERSON ASSOCIATES CONSULTING ENGINEERS INC.
Mechanical Engineer in Training
 - Material and mechanical equipment failure analysis including detailed examination and documentation, non-destructive

testing, mechanical testing, metallurgical evaluation, and stress analysis

- 3D solid modeling
- Finite element analysis
- Personal injury investigation involving equipment malfunction and building code violations
- Fire and explosion origin and cause analysis

2007

GOLDBAR WASTEWATER TREATMENT PLANT

Mechanical Engineering Co-operative Student

- Project management for the Fermenter Project (construction of fermenter tanks and associated process piping, equipment, and instrumentation)
- Construction progress documentation, including daily and monthly reports
- Concrete and rebar inspections
- Pump and pressure tests

2006

HALLIBURTON - SPERRY DRILLING SERVICES

Mechanical Engineering Co-operative Student

- Shop testing of downhole multilateral tools
- Assembly manuals and data sheets for downhole multilateral tools