

# Kari Anderson, P.Eng., FEC, FGC (Hon)

## PARTNER | I&C MANAGER PROCESS SAFETY SPECIALIST

### EDUCATION

University of Alberta

- Bachelor of Science in Chemical Engineering, Honors with Distinction

Northern Alberta Institute of Technology

- 4<sup>th</sup> Class Power Engineer

### PROFESSIONAL DEVELOPMENT

- ICD – Governance Essentials Program
- NAIT - Programmable Logic Controller I
- John M. Campbell – Gas Conditioning and Processing
- Dehydration, Refrigeration, and Fractionation
- Artificial Lift Methods & Equipment
- Safety Relief Valve Sizing & Selection
- PHA Leader Training Using the HAZOP and What-if/Checklist Techniques
- B31.3 & CSA Z662 Code Training
- Process Modeling Using Aspen HYSYS®
- 7 Habits of Highly Effective People
- Project Management Tools & Techniques
- Managing Time & Meetings Effectively
- All required safety tickets

### ENGINEERING EXPERIENCE

- Managing Partner of 100+ Multidisciplinary Engineering Firm with 6 Locations across Canada
- Senior Manager - Facility Controls & Automation Design
- 15+ years consulting engineer experience Process Hazard Analysis (PHA) including: HAZOP facilitation, What-if facilitation, LOPA, Bowtie, HAZID
  - Facility Upstream Gathering & Processing, Completions Operations, Production Testing, and Drilling Operations
- Facility Operations Training and Safe Operating Procedure Consultant
- Process safety incident investigation lead and reporting
- Facility Commissioning, Concurrent Operations and Process Safety Standards Development
- Process Modeling and Design – Upstream Oil and Gas Facilities and Pipelines
- Administrative Safeguard Development and Application. Integration with PEIMS.
- Third Party Process safety evaluations
- Large project business case development – supply & marketing plan, economics, major equipment selection & design, process flow, location selection, vendor selection and investor presentations
- Asphalt binder quality control with process support and proper quality control documentation
- Technical support for liquid asphalt manufacturing and oil distillation analysis
- Project Engineering Lead – Northwestern Polytechnic Instrumentation Engineering Technology and Power Engineering Technology Lab Project (2023-Current)



## EMPLOYMENT HISTORY

- 2015 – Current: Aztec Engineering – Partner, Instrumentation & Controls Manager, Process Safety Specialist
- 2010 – Current: Kaden Engineering – Engineer Consultant – Grande Prairie, Alberta
- 2007-2010: Shell Canada – Project Engineer, Peace River, Alberta
- 2006: Suncor Energy- Engineering Student, Ft. McMurray, Alberta
- 2005: Anadarko Canda - Engineering Student, Calgary, Alberta
- 2002-2004: Anadarko Canda - Compressor Operator, Gordondale, Alberta

## COMMUNITY SERVICE

- 12 Years APEGA (Association of Professional Engineers and Geoscientists of Alberta) Peace Region Branch Executive (Chair, Vice-chair, Outreach Coordinator, Member-at-Large)(2010-2022)
- 4+ Years Nitehawk Alpine Ski Team Board Member - Registration Coordinator (2019-Current)
- 2 Years Northwestern Polytechnic Engineering Public Advisory Board Member (2022-Current)
- 2 Years Big Brothers Big Sisters – In-School Mentoring Program
- Various Volunteering Pursuits – Rotary Food Bank Drive, Spirit Tree Society and Ball Hockey Fundraiser for GP Hospital Foundation

## AWARDS and RECOGNITIONS

- 2024 Alumni Leadership Award - Northwestern Polytechnic
  - Fellowship of Engineers Canada
  - Honorary Fellowship of Geoscientists Canda
  - 2023 Volunteer of the Year Award – Nitehawk Alpine Ski Team
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