

NATASHA AVILA, P.ENG

APEGA COUNCIL PRESIDENT CANDIDATE | PROCESS ENGINEER

PROFILE SUMMARY

Professional Engineer with 15+ years of governance, regulatory, and leadership experience, with a technical foundation in process engineering. Former APEGA Council Member and Bylaws Subcommittee Chair (2016–2019) and Engineers Canada Board Director (2021–2024). Her industry leadership includes roles at Procter & Gamble and Cenovus Energy. Motivated to work with the Government of Alberta and peer regulators under the Professional Governance Act to support a trusted framework for the professions.

GOVERNANCE & PROFESSIONAL LEADERSHIP

DIRECTOR

Engineers Canada | Ottawa, ON | 2021 - 2024

- Member, Collaboration Task Force: defined mandate for harmonization across Canadian regulators
- Member, PEO Visioning 2050 Advisory Committee: contributed to PEO's strategic planning for the profession

COUNCILOR

APEGA | Edmonton, AB | 2016 - 2019

- Member, Governance Committee: reviewed Council effectiveness and executive compensation
- Chair, Bylaws Subcommittee: led modernization of bylaws (Regulations 25–29) and governance reforms
- Facilitated consensus across Council, Nominating Committee, and Past Presidents on election processes

LAKELAND BRANCH CHAIR

APEGA | Cold Lake, AB | 2014 - 2016

- Led branch executive through development of Science Olympics and Golf Tournaments
- Led trial Science Olympics with First Nations teachers to encourage their implementation through the Tribal Chiefs Education Foundation

PROFESSIONAL EXPERIENCE

DIRECTOR & RESPONSIBLE MEMBER

Cogeneration Canada | Chestermere, AB | 2024 - Present

- Provide process engineering services for cogeneration and industrial energy projects
- Lead technical reviews, risk assessments, and provide engineering oversight of start-up activities for client projects
- Ensure compliance with APEGA's Permit to Practice

MANAGER, UPSTREAM INNOVATION

Cenovus Energy | Calgary, AB | 2024 - Present

- Developed methodology for reviewing novel completions repair technologies to enable repeatable results and comparison
- Lead field trials and evaluations of emerging technologies in operating assets
- Developed and implemented early career program for recruitment and mentorship of new graduates and students

SR. INNOVATION ENGINEER

Cenovus Energy | Calgary, AB | 2017 - 2024

- Process Engineering SME for solvent pilot projects, ensuring safety and regulatory compliance
- Developed patented method for measuring volatile solvents in emulsion, advancing industry practice
- Presented on solvent-related process safety learnings at Alberta Innovates and COSIA workshops

PROCESS & AREA CONTACT ENGINEER

Cenovus Energy | Calgary, AB | 2013 - 2017

- Led process engineering team to improve efficiency and reduce costs
- Directed investigations of major process upsets (>4% production loss)
- Supported wildfire emergency restart planning with flare purging procedures

AMERICAS RAW MATERIALS ENGINEERING MANAGER

Procter & Gamble | Belleville, ON | 2011 - 2013

- Managed raw materials engineering across North, Central, and South America with direct reports in multiple regions
- Led Global Supplier Quality SOP initiative, aligning with FDA standards ahead of schedule
- Responsible for implementing materials changes to obtain upwards of \$30 million in annual savings

HAZARDOUS CHEMICALS PROCESS ENGINEER

Procter & Gamble | Belleville, ON | 2009 - 2011

- Responsible for Process Hazard Analysis (HAZOP), risk assessments, and compliance with global safety standards
- Chemicals change management owner, responsible for review and approval of all chemicals changes on site
- Implemented automated batch record system, improving quality by 83% and reducing \$500M in scrap costs annually

EDUCATION

BACHELOR OF APPLIED SCIENCE, CHEMICAL ENGINEERING | University of Waterloo, Waterloo, ON

2004 - 2009