

## TECHNICAL SPECIALIST

*Optimize productivity and strategies; streamline processes and reduce costs to increase profits.*

**Senior Engineering Professional** with strong business acumen and over 15+ years of leadership in project management focusing on facility design, construction, and operations of facility/pipeline and specialize in decommissioning. Strategic people leader building and developing diverse, competent, and engaged technical teams. Drive continuous improvement, coaching/mentoring and developing staff while providing strategic direction for competing priorities. Proven critical thinking skills, field-based expertise; collaboratively liaising with partners and stakeholders to understand customer needs and resolve issues, making tough and real time decisions under pressure. Implement industry risk management best practices and strategic resource development.

### Qualifications & Competencies

Field Engineering, Design and Construction Experience, Commissioning & Decommissioning, Project Management, SAGD, Natural Gas Operations Management, Operational Readiness & Optimization, HAZOP & HAZID, Stakeholder Collaboration, Vendor Management and Supply Chain, Business Development, Regulatory Proceedings, Health, Safety & Environment Stewardship, People Development and Leadership, Customer & Internal Communication & Interpersonal Skills, Strategic and Systematic Thinking, Technology Leader. **Experienced in:** Abadata, AccuMap, GeoScout, AssetBook (Xi), Microsoft Project, SAP, JD Edwards, Maximo, EMR/ERP Systems.

## PROFESSIONAL EXPERIENCE

### **Principal Consultant Contractor, NADALUTTI ENERGY MANAGEMENT LTD., Calgary | 2020 – Present**

*Provided consulting in project & operations management, expertise for drilling, pipeline, and plant facilities.*

Lead and mentored high-performance teams of direct and indirect personnel, including engineers, designers, supervisors, and specialist, to prioritize resources, collaborate with customers and industry, resolving concerns in execution of technical projects (Capital/MOC/Brownfield) and strategic initiatives that drive competitiveness and sustainability. Provide business development, regulatory compliance, strategic & project planning, and workforce planning.

- Conducted commissioning review, fugitive emission plans, maintenance planning and asset management procedures, facility, and pipeline applications to Regulatory bodies.
- Manage Contractor engagements, developed and executed Area Based Closures work plans for project execution.
- Working on AFE generation, capacity build, and budgetary controls with funding and allocation from Government and Regulatory sources (i.e., SRP for asset retirement (ARO) and lease/facility/pipeline decommissioning) for Clients.
- Create and manage Vendor and Commercial agreements, project estimates, and budget controls on construction and decommissioning/remediation projects.

### **Current Experience – Director of Facilities & Senior Facilities Specialist – Byson Engineering Inc. (November 2021 – Present):**

- Manage extensive team of Engineering disciplines for Project related work at Client facilities and operating assets for MOC or Capital enhancements at various Plant settings (conventional oil & gas, thermal, and pipeline assets).
- Responsible for all Corporate related HS&E initiatives and compliance requirements for TRIF Management and reports.
- Create, manage, implement budget requirements for division within corporate requirements, forecast P&L items on quarterly basis. Implement changes to manage economic thresholds to remain profitable on a project-by-project basis.
- Responsible for QA/QC of technical requirements for engineering for Client projects, advise and mentor engineers, designers and technicians on design and operating deliverables for project implementation and success.
- Develop, scope, and implement Proposals for various client projects and submit to end users for review and approval.
- Working function within Saskatchewan regulatory framework (MOE - Ministry of Economy) and British Columbia regulatory framework (BCOGC – British Columbia Oil & Gas Commission). Develop and implement PPMP (APEGA).

### **Operations Manager, Field Gathering & Processing, CAMPUS ENERGY PARTNERS/ALTAGAS, Midstream, Calgary | Oct 2014 – Sep 2020**

Reported to SVP Operations. Provide leadership, project management, and strategic direction to diverse teams (**18 direct reports**) of field supervisors, project engineers, facility and pipeline operators, contractors, and regulatory team (including HS&E Compliance). Perform annual performance evaluation, training assessment/compliance, Safety audits and inspections. Provided workforce loading in priority areas. Property area coverage: NE British Columbia; Northern/Cold Lake/Central Alberta; Central Saskatchewan.

#### **Operations Management**

- Managed construction, operational, planning and compliance requirements to achieve business outcomes for **33 natural gas processing facilities, one (1) 30,000 USG LNG Plant and Truck Loading Terminal, and 2 natural gas transmission systems**. Includes all Safety/ERP/OEMS Management, Facility maintenance and enhancement planning, inspections and asset and pipeline surveillance, all MOC and Capital/Maintenance Improvements.
- Contributed to **operational planning, strategy, and KPI's** for processing facilities, pipelines performance, and EHS causation analysis. Participated in commercial acquisition/sale of facilities. Conducted HAZID & HAZOP Reviews.
- Drove Business & Commercial Development on development of new assets by facilitating and coordinating operations readiness with stakeholders to ensure alignment within Engineering, Field Operations and Project stakeholders.

#### Asset Management

- Created, directed, and oversaw divisional maintenance and capital requirements of **\$30M+ operating budget annually**.
- Optimized **business processes and system strategies for operations and engineering** to ensure efficient operations.
- Implemented operations safety processes and control narratives to emphasize safe workplace compliance, asset decommissioning, and fostered continuous improvement practices for division metrics (LLR/LMR, compliance).

#### Technical Leadership

- Identified, evaluated, and executed **accretive expansions and acquisitions** in collaboration with Business Development and Commercial groups, then integrated into operations. Developed contracts and financial obligation commitments.
- **Managed and implemented stakeholder compliance** related to operations, asset management, project planning, environmental enforcement (Landowners/Indigenous) and Regulatory needs, from field staff to senior management.

### Senior/Lead Gas Operations & Engineering Technologist, MEG ENERGY CORP. – Upstream, Calgary | Oct 2005 – Jun 2014

Oversaw and provided project management and technical operation expertise of several conventional natural gas assets and facilities. Collaborated with stakeholders to manage issues for regulatory, compliance, and assets in pipeline/facility operations. Led team of **4 direct** reports engineers, consultants, accountants, land agents, and operators with **7 indirect** reports (contractors and service providers). Perform field and compliance audits, safety reviews, staffing requirements. Travelled to site and project areas.

#### Operations Management

- **Provide technical input and strategies for successful implementations** through strategic planning, set the direction and expectations for Field Operations, OEM/OMS, and infrastructure management to support and achieve corporate objectives in conventional assets and properties.
- **Managed LVP/HVP Pipeline Operations**, LACT, Pump Stations, and Measurement. Implemented MOC processes.

#### Asset Management

- **Saved \$6.75M in annual property tax and operational expenditures on ABC**. Planned and optimized operations of pipeline and plant projects. Create, develop, and aggressively manage operating expenses. Advised staff of annual plans.
- **Created annual Operating Budget** for field staff, facility operations, environmental and regulatory compliance needs.

#### Technical Leadership

- **Negotiated \$12M experimental 5-year pilot - research project (GRIPETM)** with Government of Alberta approval. Successfully led technical team in methodology of experimental pilot sequestered CO<sub>2</sub>/NO<sub>x</sub> enhanced Natural Gas recovery, based on material balance exchange. Presented technical findings and report to Alberta Energy Department leadership.

### Additional Facility, Pipeline and Field Operations Experience (Details on request)

*Consulting Engineering Technologist – Midstream Operation: Facilities & Pipeline*, REPSOL CANADA (TALISMAN ENERGY), Calgary, AB.  
*Senior Area Technologist – Commercial Development & Operations Engineering, Project Management*, ALTAGAS LTD., Calgary, AB.  
*Application & Technical Sale Specialist – Valve Application and Field Services*, ROCKWELL INTERNATIONAL, Calgary, AB/Dallas, TX.  
*Senior Outage Planning & Pipeline Specialist – Technical Operations and System Design*, TC ENERGY LTD. (TCPL), Calgary, AB.  
*Gas Control & Field Operations – Board Operator & Field Operator*, NOVA GAS TRANSMISSION LTD. (NGTL), Edmonton, AB.

## EDUCATION / PROFESSIONAL DEVELOPMENT

**Master of Applied Sciences, Technology Management Major**, Memorial University, 2013

**Bachelor of Business Operations**, DeVry Institute of Technology, 2009

**Certificates: Project Management, Strategic Management and PEG Program**, University of Calgary, 2006

**Diploma: Petroleum Engineering and 4th Class Power Engineering**, N.A.I.T., 1987

### Additional Technical Courses in Marketing, Operations and Design:

Environmental remediation planning | EHS Planning | Oilfield Software (Solcomp, MFiles, Xi Technologies) | Facility & Pipeline Designs, Construction and Engineering | Proposal Submissions | Regulatory Compliance | WHMIS/TDG/ ERAC | ICS 100/200 Level Safety | First Aid/CPR-AED | Emergency Response Planning (ERP) | H<sub>2</sub>S Alive | HAZOP/HAZID | Indigenous Engagement | Driver Training | Operations Management Systems | Strategic Leadership Training | Environmental Stewardship | Incident Investigation

### KEY IMPACT ACHIEVEMENTS

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**Obsidian Energy Ltd. (2022): Byson Engineering Specialist** - Providing Client technical engineering support, lead internal Engineering team on commercial development and construction planning for installation of HVP 3-Phase Condensate Separator, Pump System, related Piping Modification and HAZOP/Commissioning for Crimson Lake Facility. Prepared budget estimates, AER applications, project cost tracker, construction program and extensive interface with Vendors, OBE Management and Facility Operations Engineering.

**Cascade Projects Ltd. (2021): Specialist** - Providing Client SRP (Period #3) technical support, commercial development, and field planning for wellbore abandonments within Cold Lake First Nations lands. Prepared budget estimate, applications, cost tracker, abandonment program and extensive interface with Vendors, Government and First Nation representatives and Management.

**Cryopeak LNG Solutions. (2021): Specialist** - Provided Client LNG OGC Application expertise on Leave To Open and Commissioning Planning, created Safety and Loss Management Program: FEMP, EMR, Maintenance Plans for new CSA Z276-18 Annex B LNG Facility.

**Canadian Engineering & Inspection Ltd. (2020): Lead** - Provided end user (Producer) a Site-Specific Liability Assessment (SSLA) cost estimate and work plan evaluation for sour gas gathering and dehydration/sour gas compression facility in the sensitive Livingstone Range Zone, overseeing an engineering and environmental team.

- Project budget \$1.5MM estimated. Prime Contractor: to be selected upon Client's consideration.
- Application submitted to AER (Directive 006 – Facility Declaration forms) with cost breakdown and work plan.

**Soars Gas Plant Decommissioning (2019):** Directed and managed team within Midstream Company to study, budget and execute decommissioning of a natural gas processing facility and related gas gathering pipelines. Collaborated extensively with Indigenous Landowners and Stakeholders for project plan and work inclusion. Project within Settlement Lands, NE Alberta.

- Project budget \$0.5MM, Prime: AMC EMS Ventures Ltd., Site (lease) work 100% Indigenous Workforce and Equipment.
- Equipment Sold: 25% of Plant Assets (Net Rev. \$0.125MM).
- Stakeholder Engagement: Subcontractor (under Prime) Elizabeth Metis Settlement workforce (Environmental Monitors).

**Rainbow Lake Gas Plant Decommissioning (2017):** Managed and guided multi-disciplined team within Midstream Company to study, plan and execute surface decommissioning of two trains of a sour gas processing facility. Performed EAS Phase 1 and Phase 2 review, in concert with Decommissioning execution and Environmental team engagement.

- Project budget \$4.0MM, Prime Contractor: Strike Group., Equipment Sold: 40% of Plant Assets (Net Rev. \$1.25MM).
- Stakeholder Engagement: Subcontractor (under Prime) Dene Tha First Nation for General Labour workforce.

**MEG Energy Corporation (2013-2014)** - 113 down hole wellbore review and abandonment criteria selection program and executed as per AER Directive 13 Compliance Inspection and AER Directive 20. Area Based Closure reduced exposure client's non-compliance enforcement ladder by 41%. Reviewed and engaged SolComp (Solstice Engineering) software to develop abandonment work plans.

- Project budget \$15.0MM estimated. Prime Contractor: Open Bid between three prime vendors.

**Gas Gathering Pipeline Abandonment Project (2012-2014):** Led Area Based Closure project, planning for pipeline and well lease abandonment plans for Gas Gathering Pipeline segments in NE Alberta for Thermal Operator. Over 185 Km of winter accessible pipelines in two Fields. Engaged with Producers to coordinate winter access, land occupant notifications, and Indigenous Stakeholders.

- Project budget \$2.0MM, Prime Contractor: Competition Oilfield Ltd.
- Stakeholder Engagement: Subcontractor (under Prime) Janvier South (Bear Contracting) for access roads & slashing crews.

### PROFESSIONAL ASSOCIATIONS

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**Certified Engineering Technologist, Alberta (C.E.T. #11128)** – Alberta Society of Engineering Technologists, Edmonton, AB.