

PANKHURI ANAND

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PROFILE:

Positive, adaptable and highly motivated Engineer-in-Training (E.I.T.) with 4 years of experience in the energy industry. Eligible for P.Eng (application in process). Project leader with proficiency in developing innovative solutions to problems. Proven track record of successfully completing tasks according to specifications, and delivering professional services on time and within budget. Strong customer service skills as well as excellent written and verbal communication.

EDUCATION:

Project Management Professional (PMP) Certification

Jun 2014 - Present

Registered Member with Project Management Institute (PMI), Membership# 4760285

University of Ottawa, Ottawa, ON

Sep 2008 - Apr 2014

Bachelor of Applied Science (B.A.Sc.), Major in Chemical Engineering

Accomplishments

- Engineering Consulting, Ontario Engineering Competition OEC (2013)
- Chemical Engineering Representative, Faculty Council, University Ottawa (2011- 2014)

WORK EXPERIENCE:

ATCO Gas| A Division of ATCO Pipelines & Liquids Global Business Unit, Calgary, AB

E.I.T. Pressure Control & Production, Gas Distribution System

Nov 2016- Present

- Project Manager for replacing and/or upgrading pressure regulating equipment, valves, reliefs and line heaters in order to be compliant with CSA Z662 code.
- Review engineering drawings, including hazardous area study, P&ID, land survey, and materials sheet.
- Work closely with design contractors to ensure project timelines are met and Issued for Construction (IFC) packages are sent to construction department.
- Conduct routinely calculations to ensure ATCO Gas stations are adequately sized and can handle sufficient capacity to provide natural gas to customers.
- Contribute in finding and implementing efficiencies in day-to-day work at individual and company level.

Accomplishments

- Created typical (stamped & signed) meter set designs and Detailed Work Instructions (DWI) for customer service department thereby saving engineering and drafting time.

E.I.T. Pipeline Design, Gas Distribution System

Jun 2014- Nov 2016

- Planned distribution gas pipeline network in urban/rural areas for both residential and commercial developments based on technical specifications and customer requirements.
- Designed and managed multi-million dollar projects that involved- upgrading gas lines, pipeline replacements and relocations, valve installations, large diameter feeders and 4-Party joint trench.
- Conducted pressure studies to size natural gas pipelines using SynerGi, a flow modeling software.
- Monitored costs during construction and completed change request forms to document any deviations from stamped & signed design.
- Assisted and provided feedback to engineers in completing water crossing forms to meet Alberta Environment requirements as well as company policy.

Accomplishments

- Service Recognition Award, ATCO Gas, Calgary, AB (2014-2016)
- Award of Excellence Nominee, ATCO Gas, Calgary, AB (2014)
- Improved & standardized engineering design template by leading Work Order Committee (WOC)

Suncor Energy Inc., Fort McMurray, AB**Sep 2012- Aug 2013****Co-op Student- Operational Excellence Management System (OEMS)**

- Identified and shared best practices as part of continuous improvement & implemented standardized operating procedures throughout Oil Sands & In-Situ.
- Provided resources and tools that were required to attain the desired maturity level for all business core elements.

Co-op Student- Process Engineering, Mackay River SAGD Plant

- Performed study to maximize heat recovery by increasing boiler feed water temperature set-point on heat exchanger thereby reducing fuel gas consumption (potential savings of \$1.7 million/year).
- Worked on Zero Based Analysis (ZBA) to reduce the production of reverse emulsion containing solids and lime slurry (potential savings of nearly \$1 million/year).
- Gained expertise in ProcessNet, a powerful tool for monitoring process conditions.

Co-op Student- Process Integrity Department

- Actively involved and participated in PHA's/ HAZOP's conducted for Mackay River SAGD Plant.
- Reviewed P&ID's, compiled equipment design conditions, list of ILP's (Incident Learning and Prevention) and MSDS for the chemicals used in those areas.
- Traced fuel gas lines using plant P&ID's. Performed regular field checks & verification to keep track of all instrumentation and equipment installed on-site.

Co-op Student- Management of Change (MOC)

- Reported metrics/ KPI's on a monthly basis for all temporary & permanent engineered changes in plant.
- Imparted training to employees in learning KMS tool used for creating, tracking & reporting MOC forms.

TECHNICAL SKILLS:**Engineering:** SynerGi, SAP, UniSim/HYSYS, Oracle, ArcGIS**Operating Systems:** Microsoft Windows, Mac OS-X, Linux**Software:** Microsoft Office (Word, Power Point, Excel, Visio, Outlook, Project, SharePoint), AbaData 2.0**Programming Languages:** Java, C, VBA**TRAININGS AND RELEVANT ACCREDITATIONS:**

- Project Management: An Overview, WHMIS, P&ID Drawing Interpretation, Cathodic Protection, Construction Techniques, Overview of Acts, Codes & Regulations (CSA Z662)
- Oil Sands Safety Association (OSSA) Accredited- Confined Space, Fall Protection, APR, and H2S Alive
- Registered E.I.T. with APEGA, Membership#197523. Eligible for P.Eng (application under process)
- Valid Alberta Class '5' unrestricted driver's licence (equivalent to Class 'G') with a clean driver's abstract

PERSONAL EXPERIENCE:

- Volunteered at Junior Achievement – Economics for Success, Calgary, AB (2015 - 2017)
- Organized Calgary Corporate Challenge Kick-off Breakfast, ATCO Gas, Calgary, AB (2016)
- Volunteered at the Calgary Food Bank, Calgary, AB (2015 - 2016)
- Member of Planning Committee and Canvasser for EPIC, ATCO Gas, Calgary, AB (2015 - 2016)
- Volunteered at Calgary Stampede- Lost Kids Program, Calgary, AB (2015, 2016)
- APEGA Science Olympics Judge, Calgary, AB (2015, 2016)
- Canvasser for United Way, Suncor Energy, Fort McMurray, AB (2012 - 2013)

REFERENCES:

Available upon request