**Geoffrey Gerbrandt**

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# Objective

I am seeking a position as part of a dynamic operations team that will fully utilize my technical skillset and allow continued growth and application of my knowledge and experience.

# Education

Nov 2015 – Present **Power Engineering**

4th Class Power Engineering certificate in Alberta and Saskatchewan

3rd Class certificate pending (exams and steam time completed)

May 2011 **Mechanical Engineering Technology Diploma,**

SIAST Kelsey Campus, Saskatoon

# Professional Experience

**ORANO Canada Inc., McClean Lake,** 817 45th St. West, Saskatoon, Saskatchewan

Position: 2018 – 2019 4th Class Operator

2016 – 2018 Mill Projects Facilitator

2012 – 2015 Mill Projects Designer

4th Class Operator – Independent operation of a fire tube boiler plant and a triple effect crystallation plant. Responsible for all aspects of plant operation including routine rounds, Delta V control/monitoring, equipment checks, and general housekeeping. Currently training to operate a Sulfuric Acid plant with steam generation.

Mill Projects Facilitator – Primary responsibilities include project management and facilitation for most projects within the Mill Engineering group. I am the contractor supervisor (prime contractor) for each crew and am responsible for overseeing all construction activities. Secondary duties are managing my own projects. I lead all aspects of my projects through design, risk assessment, implementation and close out. Projects typically range from capital projects to process optimization or reliability focused.

Mill Projects Designer – primary responsibilities included creating and implementing a Change Management program for brownfield changes. Secondary duties included taking a project manager role in a yearly capital project and supporting operations in any troubleshooting or process optimization opportunities.

2013 – 2018: Member of the McClean Lake Emergency Response Team

* Standard Frist Aid/CPR/AED
* NFPA 1081 - Industrial Fire Brigade – Incipient Level and Interior Level
* NFPA 472 Hazardous Materials / Dangerous Goods – Operations Level
* Confined Space/Technical Rescue
* Vehicle Extrication
* 5 time competitor at the SMA Mine Rescue Competition

**TetraTech WEI,** 410 22nd Street East, Saskatoon, Saskatchewan

Position: 2011 – 2012 Layout Designer

Primarily responsible for modeling piping, checking designs against newly constructed drift profiles, and drafting As-Built drawings for the Cameco Cigar Lake project.

# Skills

### Engineering Software

AutoCAD and AutoPLANT – drafting and layout

Inventor and ANSYS – finite element analysis

Pipe Flo – piping and pump calculations

SAP – advanced use of the maintenance module at McClean Lake

### Microsoft Office

Word, Power Point, Excel, Access, One Note, and Project

### Other

Delta V – process monitoring and control

Operational Insight – process monitoring and trending

Hazop and PHA risk analysis (leadership workshop, participation experience)

Change Management program design and implementation

Cause Map Analysis, Maintenance Planning, Electrical Engineering courses

SMA Industrial Supervisor course

SAP – maintenance module applied at McClean Lake

# References

Available upon request