

Sebastien Ledoux

1880 rue Grime, Sherbrooke, J1J 1E7

Phone: (604) 992-5608

Email: ledoux202@gmail.com

HIGHLIGHTS OF QUALIFICATIONS

- ✓ Experience in mining camp in Northern BC.
- ✓ Combined experience in designing mining kilns, conveyors, retorts & steel structures.
- ✓ Bilingual (French & English).
- ✓ Ticketed for an overhead crane and a class 4 forklift.
- ✓ Proven record of hard work in very hot and cold environments.

COMPUTER SKILLS

- ✓ Solidworks w/ DBWorks V5
- ✓ AutoCAD w/ Advanced Steel
- ✓ MATLAB programming
- ✓ DraftSight 2016
- ✓ NanoCAD

EMPLOYMENT EXPERIENCE (LAST 14 YEARS)

Logistics/ Fire Assay/ Concentrate Technician, MS Analytical, Brucejack Mine & Langley, BC **April 2017 – May 2024**

- Management and shipping of the concentrate containers.
- Sampled concentrate bags and containers.
- Loaded the concentrate containers to truck with overhead crane.
- Management and processing of various exploration samples.
- Various tasks in the fire assay lab (pouring, bead picking, etc...).
- Quality Control of the pulverization process.
- Management and shipping of sample rejects.

Project Engineer, Enginuity Consulting Ltd., Burnaby, BC **April 2016 - January 2017**

- Managed the design of a gold sampling portable lab for the mining industry.
- Researched various standard components for shipping containers transport.
- Created and implemented a continuous improvement program (Kaizen form).
- Managed an industrial personal safety upgrade project. All project details had to follow WorksafeBC standards.
- Managed an industrial roof raise project. All project details had to follow BCBC.

Mechanical Designer, WhiteWater West Industries, Richmond, BC **April 2014- April 2016**

- Converted 2D AutoCAD drawings to 3D models of frames, assemblies and overall assemblies of park rides.
- Managed the metadata of PLM files.
- Updated and upgraded the design of steel structures, boat guides, boats rides and steel towers.
- Created the fabrication drawings from 3D models.

Assistant Instructor (4 month contract), BCIT, Burnaby, BC **Sept. 2013-Jan. 2014**

- Assisted the Instructor for Statics, Fluid mechanics and machine design.
- Marked homeworks, mid-terms & final exams.

Mechanical Designer, Lockheed Engineering, Annacis Island, BC

Nov. 2010 – Sept. 2012

- Drafted in AutoCAD a 450 kW Carbon Reactivation kiln used in gold mining. Created P&IDs and wiring diagrams of it.
- Drafted and upgraded 100 kW mercury retorts used in gold mining.
- Supported the design of a gas-fired decalcification kiln for the copper mining industry.
- Supported project services supplying spar and replacement parts.

EDUCATION AND TRAINING

Mechanical Engineering, University of Montreal, Montreal, Quebec

2009

Mechanical Engineering Technology, Sherbrooke College, Sherbrooke, Quebec

2005

DEFENSIVE PUBLICATIONS

Link: http://www.mediafire.com/folder/z82y4kuzzcaf4/Free_dwg_files

- The Waterzebo 2019
- The Voidsteamer 2019
- The Lillooet Emergency Shelter 2019
- The Silicone Safe 2019
- The Shalalth Greenhouse System 2020
- Dog Wait Station 2021

Reference Available Upon Request