



Borealis Mining Company LLC
12 miles SW of Hawthorne NV on Lucky Boy Pass Road
Hawthorne, NV 89415

POSITION DETAILS

Name:	
Position Title:	Process Operator
Department:	Production
Location:	Borealis Mine Site, Hawthorne, NV
Reports to:	Process General Foreman

Basic Function: The day-to-day operation and maintenance of the Adsorption, Desorption, Recovery (ADR) plant, the processing of carbon to doré.

Duties and Responsibilities:

- Ensure maintenance has been completed as scheduled.
- Complete daily inspection records and weekly ADR reports.
- Assist in the inspection of equipment, hoses, connections, and pumps site wide.
- Performs work on high temperature pressure vessels, boilers, reactors and similar equipment in the refinery.
- Maintain specific temperature, pressure, levels and/or other process variables to meet production.
- Process flows, Carbon flows, and Solution flows (preg solution, barren solution). Soft water and freshwater systems.
- Process through stripping and electrowinning of carbon into doré.

Skills/Qualifications:

- 2 years working in a Carbon Process or comparable process plant.
- Must have current MSHA.
- Experience using various reagents used in the process. Mixing and storing procedures.
- Monitor and control PH in circuit to optimize plant efficiency.
- Demonstrate how to control the level of cyanide in circuit by titrating the solution sample and correcting any offsets and how to correct these offsets.
- Must be able to safely operate and have good knowledge of Boiler key components of the circuit: Boiler, Solution flows through the exchangers, Temperature control and Pressure.
- Good trouble shooting skills.
- Proper operating temp, rate of feed and quench tank of Kiln.
- Must be comfortable working for long periods alone and graveyard shifts.
- Proven attitude towards safety regulations and goals

Physical Demands:

- Personal protective equipment is required when performing work in a mine, outdoor, manufacturing or plant environment, including hard hat, hearing protection, safety glasses, safety footwear, and as needed; respirator, rubber steel-toe boots, protective clothing, gloves and any other protective equipment as required.
- Employee is occasionally required to bend and reach with hands and arms above their shoulders.
- Must be able to lift and carry up to 30-40lbs.
- Ability to work in extreme weather conditions; exposure to wet and/or humid outside weather conditions; and extreme cold and/or heat.
- Ability to maintain awareness of occupational hazards and safety precautions. Skilled in following safety practices and recognizing hazards.

- Physically capable of sitting, standing, shovelling, climbing several flights of stairs, kneeling, bending, crouching, and performing other types of physical work.
- Must be willing to work shift work or otherwise assigned.
- Must be a self-starter.

Employment Status: This is a non-exempt position. Schedule to be determined.

I do / do not (circle one) need special accommodations to perform the above job description.

Supervisor's Signature with date: _____ Job Holder's Signature with date : _____