



**Job Title :** Senior Water Chemist

**Reports to:** General Manager

**Location:** Cokenergy Facility

**Compensation:** Competitive salary plus bonus potential

### **Primary Energy Overview**

Primary Energy is an independent traded industrial energy provider of electricity, steam, hot water and chilled water that focuses on building, owning and operating inside the fence industrial energy facilities under long term contracts. Our expertise is the effective utilization of byproduct fuels that would otherwise be flared, capturing waste heat and converting it into useful thermal products and creating ultrahigh efficiency combined heat and power facilities. Thoughtfully conceived industrial energy projects enhance the long term financial health of our host mills, provides sustainable, low cost energy and provides highly reliable source of energy. Our goal is to be the lowest cost, highest value 3<sup>rd</sup> party energy provider for the industrial energy market place while making a reasonable return on our investment.

### **Education and Skills:**

- 5 to 7 years of Power Industry or Directly Related Industrial
- Solid fundamental understanding of plant processes and equipment
- Ability to conduct root cause analysis and react accordingly
- Understanding of environmental and safety regulations and compliance programs
- Ability to plan, coordinate and direct varied and complex programs and tasks involved with the operation of the plant.
- Good Listener- Ability to process viewpoints from all in group
- Ensures supporting and collaborative relationships
- Seeks opportunities to enhance personal effectiveness in operational understanding.
- Proactive business partner with a focus on finding opportunities and solutions for issues.
- Must have a valid Driver's License
- Associate Degree in Chemistry with math, physical science and chemistry courses preferred

### **Job Responsibilities:**

- Accountable for maintaining water quality specifications that are suitable for running a combined coke and energy plant.
- Accountable for maintaining water plant production for make-up water to boiler system.



- Be on-call and readily available in any case.
- Perform water sampling; test, analyze, report, monitor, adjust and maintain chemical levels in the different water systems of the plant (Boiler, Closed Loop, Cooling Tower water, etc.).
- Maintain, monitor, and inspect chemical storage, feed, and control equipment for all chemicals on site. (includes North Lake Facility)
- Maintain all on-line analyzers and perform calibrations whenever needed.
- Operate and maintain the water treatment and water plant equipment.
- Practice good safety practices when handling or working with chemicals, installing or repairing instruments, or when locking out various parts of the system for maintenance or repair.
- Be able to maintain close contact with chemical supplier and Arcelor/Mittal Steel in order to keep plant running efficiently.