



Job Title: O&M Manager
Plant: Cokenergy
Location: Chicago (East Chicago, IN)
Compensation: Competitive

Primary Energy Overview

Primary Energy is an independent 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 3rd party energy provider for the industrial energy market place while making a reasonable return on our investment.

Position Summary

The Cokenergy project is located within the ArcelorMittal Indian Harbor Works integrated steel mill. Cokenergy is a primary supplier of electricity and steam to the mill. Cokenergy is one of the largest heat recovery operations in North America and utilizes a GE 95MW steam turbine, 16, 80 kpph HRSG's, a 100% redundant dry sorbent scrubber, a bag house, a 1000 gpm reverse osmosis water plant and large ID fans. In addition, the plant is currently re-tubing the HRSG's and making other plant upgrades. The facility is owned and managed by Primary Energy. ArcelorMittal provides the operating labor which is directed by Cokenergy.

The O&M Manager position is responsible for the safe, reliable and profitable day to day operations and maintenance activities within facility and will perform a wide range of supervisory, engineering and administrative duties. In addition, this position must ensure compliance with regulatory requirements, procedures, lead overhauls and proactively monitor and look for facility efficiency improvement projects. The O&M Manager will help develop and then work within the annual budget. Strong communication skills and working within a diverse labor force is required. The O&M Manager is accountable to the Site Manager and operates within the context and prescribed limits established by the Site Manger.

Education and Skills

- Ten (10)+ years in power station experience with exposure to operations and maintenance
- Five (5) + years in dry scrubbers and water treatment systems
- Three (3) + year's supervisory experience
- Five (5) years of related progressive technical
- Solid fundamental understanding of plant processes and equipment
- Understands and can implement preventive and predicative maintenance programs
- Ability to conduct root cause analysis and react accordingly



- Familiarity with steam turbines to diagnose operational issues and develop overhaul plans □ Understanding of environmental and safety regulations and compliance programs □ Ability to negotiate contracts for sale or purchase of goods and services. □ Good Listener - Ability to process viewpoints from all in group
- Builds collaborative relationships internally and externally
- Clearly outlines risks and rewards relating to financial impacts of operational decisions
- Understanding of accounting, contract administration, procurement and other plant administration function
- Actively support continuous improvement
- Effectively work with host industrial representatives and operators
- Ensure maintenance activities support safe, efficient and reliable operations of the facility
- Ability to analyze and interpret data to make sound, cost-effective judgments
- B.S. in Chemical, Mechanical or Electrical Engineering or equivalent experience
- Strong, hands on leader that has operated energy facilities, preferably in an industrial setting.
- Knows how to trouble shoot, will promote highly reliable operations and safety while effectively managing the administration and customer relations.
- Must be proactive, energetic, a self-starter and effectively work with others.
- Bachelor degree in engineering or equivalent combination of education and directly related experience
- Must have in-depth knowledge of steam turbines, HRSG / boilers and scrubbers
- Demonstration of competent management, human relation and technical skills
- Good working knowledge of computer systems and applications
- Basic understanding of necessary federal and state licenses and permits
- Must have (or be able to obtain) valid driver's license and US citizenship
- Great communication and analytical skills
- Steam turbine, boiler scrubber bag house experience in an industrial plant
- Proactive, energetic, positive can do attitude
- Fifteen (15)+ years of related progressive technical and supervisory experience
- Demonstration of outstanding management, human relations, and technical skills
- Demonstration of participation in management/supervisory training development programs
- Completion of appropriate business and accounting college level courses
- Instrument and controls experience with ability to work with ladder logic and DCS systems
- US Navy training in power plant operations

Job Responsibilities:

- Understand the environment that the facility operates in and develop appropriate controls and processes to maintain compliance with existing laws, regulations and permits
- Coordinate the work of shift personnel to operate all facility equipment and systems in a safe, efficient and reliable manner during normal operations and emergencies.
- Develop and nurture a high performance, high discipline, safe, accountable, focused, innovative and achievement-oriented team □ Deliverables include the following:



- Embody, practice and commit to the vision, mission and values of Company
- Continually search for improvements in the facility's processes
- Optimize the performance of the Facility (i.e. efficiency, availability, capacity factor)
- Improve utilization of predictive and preventative maintenance programs
- Make Life Safety Skills an everyday part of life at the Facility
- Ensure and commit to strong Environmental Compliance
- Carefully plan, coordinate, communicate and execute the maintenance work

- Communicate with Dispatch Center of AM and its representative and promptly respond to their needs
- Keep close contact with contractors and make sure they are meeting the specifications and notify them when they are not meeting expectations
- Understand the environment that the Facility operates in and develop appropriate controls and processes to maintain compliance with existing laws, regulations and permits.
- Ensure the appropriate balance between achieving profitability and plant expenses and upgrade requirements
- Manage and ensure the mitigation of cost escalation risks by ensuring the development, implementation and review of appropriate control mechanisms
- Maintains accurate records and submits all required reports in a timely manner
- Effectively administer maintenance contracts with contractors to maximize results
- Develops Long Term Maintenance Plan for Facility
- Accountable for technical activities to ensure electrical and steam generation, the treatment of flue gas, and the operations and maintenance of the Cokenergy facility is conducted in a safe, reliable, efficient, economical, and environmentally sound manner, in accordance with policies and procedures. Plans, organizes and directs daily and long term (outage) activities of the Facility maintenance service groups
- Assist in the development, implementation and control of site procedures.
- Ensures that all federal/state/local permits are complied with and all reports are generated in a timely manner
- Provides input in developing long term strategic plans and associated budgets.
- Coordinates and administers PM program to include: tracking work orders, and implementing and optimizing current PM
- Maintains effective channels of communication and cooperation among and between plant personnel and other departments and 3rd party contractors as appropriate
- Perform other appropriate duties and special projects as assigned
- Provides regular feedback and recommendations to management on issues and opportunities
- Evaluates staffing levels and skill mix

Work Environment:

- Plant environment with some office duties
- Exposure to coal and coke dust, industrial environmental conditions, chemicals, high noise levels, confined space and height limitations
- Normal business hours, some overtime and weekend work



- Maintain a motivated and productive staff through performance management and employee development and training

Physical Requirements

Essential functions in the O&M Manager position require the following:

- Ability to perform manual tasks including but not limited to:
 - Operation of hand tools
 - Manipulation of valves.
- Ability to lift at least 80 lbs.
- Ability to climb stairs and ladders.

- Ability to bend and maneuver in tight, cramped quarters.
- Ability to work in hot, noisy and dark environments.
- Ability to work in high places.
- Ability to work with and wear respiratory protection.
- Ability to communicate clearly with plant personnel.
- Ability to give and receive instructions over a radio and P.A.
- Ability to see clearly; safely and readily identifying the labels, gauges, dials and indicators typically encountered in performing job duties.
- Ability to read, write and understand instructions and procedures.
- Ability to work in outdoor elements.
- Ability to work various hours for emergency coverage.