

Pearline Bogisich

5567 Ledner Parkway, Los Angeles, CA ♦ Phone: +1 (555) 614 5310

EXPERIENCE

SENIOR FACILITIES MECHANICAL ENGINEER

Philadelphia, PA

05/2014 – present

- Provided basis of design for outsourced engineering work
- Provide cost savings ideas and perform value engineering
- Track project spending, provide project status updates on a weekly basis
- Manage outsourced engineering, design, and permit package
- Assist in maintaining the plant facilities CAD Files and drawing archives
- Generate or manage mechanical engineering, design, and permit package
- Perform peer review on outsourced engineering and design

FACILITIES MECHANICAL ENGINEER, GIGAFACTORY

Chicago, IL

10/2009 – 11/2013

- Assist with coordinating installation and commissioning
- Perform cost/benefit analysis and engineering recommendation / justification
- Intermediate knowledge of mechanical engineering principles and systems including pumps, pneumatics, fans, flow meters, air handling systems, industrial chilled water, heating, process piping, rotating equipment, vibration analysis, and heat transfer is a benefit
- Assist/lead in troubleshooting of system operational issues
- Create and track countermeasures to completion
- Provide day to day support of operational and maintenance issues on site
- Create & modify maintenance and standard operating procedures (SOPs)

FACILITIES MECHANICAL ENGINEER

Houston, TX

03/2006 – 09/2009

- Provides technical and informational support to customers and company departments concerning pending and ongoing engineering projects
- Participate in maintenance and outage planning and scheduling, and recapitalization planning
- Reviewing and approving mechanical designs and evaluating system loads
- Perform calculations for heating and cooling loads, duct and pipe pressure loss calculations, fan and pump sizing, duct and pipe
- Provide engineering support to the Facility Engineering Manager with respect to mechanical systems as they impact the plant processes and auxiliary systems
- May be responsible for developing project scope, budget, management of A/E consultants, and managing project through closeout
- Business process mapping modeling and optimization

EDUCATION

CALIFORNIA STATE UNIVERSITY, FULLERTON

Bachelor's Degree in Mechanical Engineering

SKILLS

- Manages the addition/removal of equipment to the mechanical facility infrastructure
- Coordinates Annual Planned Shutdown and associated work with outside contractors
- Develops scopes of work for small infrastructure improvement projects
- Troubleshoots complex, reoccurring maintenance issues
- Supports the deployment of the predictive maintenance tools, including vibration analysis, infrared thermography, oil analysis, laser alignment, and ultrasonic leak detection
- Supports the commissioning process for new infrastructure equipment that is planned for the next five years – chillers, air compressors, process cooling equipment, etc
- Performs administrative tasks such as developing work plans and standard operating procedures (SOPs)
- Gathers and reviews data concerning facility or equipment conditions, specifications, company restrictions, and construction feasibility
- Reviews and estimates design costs including equipment, installation, labor materials, preparation, and other related costs
- Provides reliability-engineering support, performing data analytics of predictive maintenance activities, analyzing maintenance data to optimize the maintenance program, and identifying critical spares for critical assets