

Process Engineer job description

Date Posted:	July 9, 2010	Shift:	First
Location:	Cincinnati	Days/Hours:	Monday – Friday, 8:00 am – 5:00 pm
Department:	Process Improvement	FLSA Status:	Exempt
Reports To:	Global Engineer/Process Improvement Manager		

General Summary

The Process Engineer will develop and manage capital projects, equipment installations, process improvement projects, and support the system of taking a product from the bench to full-scale.

Primary Responsibilities

- Responsible for capital project management ensuring the physical assets are in place to serve the strategic business plan
- Develop and execute established budget
- Provide maintenance, equipment and installation support to other Michelman facilities when needed, including occasional travel
- Ability to develop a preventative maintenance strategy
- Work in conjunction with Engineering Manager to oversee completion of capital projects within established budget and schedule including:
 - Managing completion of project tasks against schedule
 - Engineering and implementing solutions
 - Working with third party providers
- Perform 'hands on' mechanical and electrical functions when needed
- Devise and maintain system to sheppard and champion the process of scaling up new products from the bench to the plant
- Devise and maintain system to monitor consistency of processes
- Identify areas for process improvement; implement and chair teams as necessary to identify and implement improvements; act as a clearinghouse for improvement efforts
- Manage projects, including by not limited to capital improvements, new equipment, safety, cost reduction, etc.
- Manage and schedule pilot plant and its attendant personnel; balance need for new process and product development with satisfying existing small batch production demands
- Install and monitor systems of continuous improvement, SPC and other initiatives as appropriate
- Able to work hands on, gather data or work on batches on the bench or pilot plant as needed
- Perform related duties as assigned or as the situation dictates

Required Knowledge, Skills and Abilities

- Strong ability to identify problems, root cause and preventative measures.
- Detailed knowledge of pipefitting, electrical, controls, pumps, mixers, boilers, compressors, welding, general building repair.
- Knowledge of chemical processes and associated hazards.
- Able to develop a system for accomplishing multiple tasks in as efficient manner as possible
- Willingness to take ownership in maintaining facilities and pride in results of work
- Proven history of working with all levels of the organization
- Good oral and written communication skills
- Able to make effective presentations to diverse groups
- Able to work as part of a team
- Understand applicable rules and regulations
- Knowledge of and ability to provide up-to-date technological advances to manufacturing personnel
- Organize projects or teams throughout a department/company to accomplish broad sweeping changes and improvements
- Interpersonal, computer, organization, supervisory and mathematical skills
- Unit operations and plant design
- Knowledge of reactor, pumps, mixers, boilers, and other process equipment
- Team oriented, enthusiastic and have a positive attitude
- Be able to handle multiple tasks simultaneously and prioritize workload

Education and Experience

- Bachelor's degree in Chemical or Mechanical Engineering
- 5+ years of previous engineering in a chemical plant year experience in maintenance
- CIMM (certified industrial maintenance mechanic), CMRP (certified maintenance repair professional), CCST (certified controls system technician)
- Significant plant experience – equivalent experience may be considered with appropriate demonstration of analytical and design skills
- Experience designing chemical processes or project management desired

Physical Demands and Work Environment

- Capable of climbing stairs, lifting 20 kg or less
- Able to work at nominal heights
- Able to perform equipment maintenance tasks that may require bending, stooping, lying down or working from elevated platforms. Requires full use and range of motion of arms, hands and fingers to reach, grasp, hold, push or pull, twist, and work with tools
- Must use appropriate PPE as required
- Ability to work in a normal factory environment, including enclosed spaces and exposure to various hazards
- Able to work outside when required

Note:
The statements above are intended to describe the general nature and level of work being performed by people assigned to the job. They are not construed to be an exhaustive list of responsibilities, duties and skills required of personnel in the job. Furthermore, they do not establish a contract for employment and are subject to change at the discretion of the employer.

To apply

Resume and cover letter with salary history and requirements can be e-mailed to:

Ken Wigton
HR Manager
kenwigton@michelmaninc.com – E-mail

No relocation will be provided – no phone calls please. Michelman does not hire individuals who use tobacco products. All candidates will receive a drug test prior to beginning employment which will include a test for tobacco products.

It is Michelman, Inc. policy to seek and employ qualified persons in all jobs in a manner which will ensure equal employment opportunity as well as administer personnel actions in a manner as to not discriminate against any person on the basis of race, religion, national origin, age, sexual orientation or disability. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.