

Job Posting Announcement

Effective Date: February 16, 2010

Job Title: Production Engineer

Company: Solvay Chemicals

Location: Parachute, CO

Position Overview: Solvay Chemicals, Inc., is a world leading producer of essential chemicals like soda ash, caustic soda, sodium bicarbonate hydrogen peroxide and specialty chemicals like fluorinated products, ultra-fine fillers, high purity barium and strontium, caprolactones. We currently have an opening for a Production Engineer in our Parachute, CO facility. Parachute is a small community located halfway between Grand Junction and Glenwood Springs, Colorado on I-70, North of the Colorado River.

Responsibilities: Key responsibilities will include.

Basic Function:

- Ensure effective operations of the plant's manufacturing process by:
 - Providing technical support to the manufacturing department, maintenance, and the laboratory;
 - Managing MOCs (managements of change) and capital projects from conception to implementation;
 - Understanding the mechanics of the process and the capabilities of the plant, and assists in making production decisions when necessary.

Principle Accountabilities:

- Provide technical support to internal customers (manufacturing, maintenance, laboratory, etc.)
 - Monitor all aspects of the process by analyzing and interpreting process data.
 - Identify, troubleshoot, propose solutions and solve process problems.
 - Provide technical tools and training for manufacturing personnel to better interpret process data and identify, troubleshoot and correct process problems.
 - Design DCS modifications and force-outs.
 - Configure Aspen process historian to meet plant needs.
 - Optimize the process by reducing variable and fixed costs, increasing plant production, improving product quality and food safety and optimizing product mix.
 - Work with production, site personnel and outside vendors to identify process improvements, optimization projects, de-bottlenecking projects and cost-saving opportunities.

- Provide technical information and support to manufacturing and maintenance for capital project work. Perform capital cost estimates and manage approved projects.
- Improve process safety by training plant personnel and working on safety improvement projects.
- Provide input for the annual budgeting processes.
- Interact with maintenance to ensure equipment maintenance is scheduled appropriately to ensure safe and proper operation of the plant.
- Determine importance of projects to company, and design and implement projects conceived by others in order to save money, increase safety, streamline operation, add new capabilities, etc.
- Maintain current knowledge and understanding of the policies and practices relating to the quality and food safety plans and perform work in accordance with these policies and practices.
- Comply with all Safety, Industrial Hygiene, and Environmental policies and procedures. Incorporates these requirements into applicable procedures and work instructions.
- Support the maintenance function at the facility as necessary.
- Utilize SAP-PM for maintenance and capital projects.
- Provide support for the laboratory function at the facility.

Decision Making:

- Assist in defining process operation conditions.
- Troubleshoot and resolve process problems, DCS logic problems, DCS hardware problems, equipment and analyzer problems.
- Select and design effective tools to communicate process data to plant personnel.
- Design, prioritize and implement manufacturing improvement studies.
- Analyze, interpret and communicate process and laboratory data.

Dimensions:

- Responsible for engineering support for 150,000 ton per year sodium bicarbonate facility.
- Familiarization and compliance with ISO 9001 and ISO 22000 Quality and Food Safety Standards.
- Internal interactions with Laboratory, Purchasing, Warehouse, Shipping, Manufacturing, Maintenance, HSE.
- External interactions with vendors, contractors, engineering firms, DCRT (Solvay Technical Group in Brussels)

Requirements: Meeting the minimum expectations does not guarantee an interview. Candidate must have a Bachelors Degree in Engineering and should have minimum of 3 to 5 years experience in a processing plant.

Candidate must have demonstrated success in the following:

Technical, Managerial and HR Skills Required:

- Working knowledge of the production process, maintenance, process safety training, quality and food safety systems.
- Strong and effective oral and written communications and problem solving skills.

- Ability to work effectively and learn relevant computer software such as Microsoft Excel, Outlook, PowerPoint, Word Access, SAP, and others.
- Ability to effectively communicate with all levels and to work with peers in a variety of functions (Accounting, A/P, Purchasing, Maintenance, Engineering, Manufacturing, Corporate Staff, Contract Staff, outside vendors, etc.) with limited supervision.

To Apply: Email your resume to: careers@solvay.com

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