

CMA Executive Recruiters

754 St. Albans Drive, Suite 300 * Boca Raton, FL 33427-3123 * Ph (561) 417-8407 * Fax (561) 417-8408 * Email cma@cmafl.com

Process Control Engineer

Job Description

The Process Control Department is seeking a highly-motivated candidate for the position of Process Control Engineer to support the MHBA department. The position offers a challenging environment with opportunities for growth in technical experience and personal development. The MHBA department has tightly integrated fixed batch and continuous control systems (BPCS) which are constrained by various safety functions in the programmable electronic systems (PES) and hardwired relays (SIS).

Major Responsibilities:

This role will be accountable for the following:

- Providing technical guidance and establishing standards for the safety and process control automation systems for the department.
- System Life Planning which includes the development and implementation of a migration plan which will:
 - Migrate the fixed batch control from Modicon 984 ladder logic to Delta V using Delta V primitive blocks.
 - Migrate the continuous control from Provox to Delta V.
 - Migrate and upgrade safety and environmentally rated safety functions from the PES and hardwired relays to Delta V SIS.

Required Skills

Qualifications/Competencies

Required

- Minimum of 5 years experience as a Process Controls Engineer with a Bachelors or Masters in Chemical Engineering. Other engineering degrees will be given consideration based on relevant experience.
- Knowledge and prior participation in Process Hazard Analysis.
- Ability to apply simple Layer of Protection Analysis (LOPA) to high hazard scenarios.
- Knowledge of the requirements of ISA84.2004 as applied to specification, implementation and testing of safety functions.
- Strong programming and programming design skills as applied to batch process control, data communication, data collection and display systems.
- Understanding of the reliability, documentation and Management of Change requirements imposed by implementing projects as a team member in an on-line processing environment.
- Demonstrated ability to apply Continuous Improvement Tools.
- Strong initiative to identify and address areas for improvement.
- Strong interpersonal and organizational skills .
- Excellent verbal and written communication skills.
- Demonstrated ability to work in a team environment and effectively manage multiple complex projects.

Desired

- Prior experience with Modicon 984 ladder logic and Provox/Envox a plus.
- Prior experience with Delta V and Delta V SIS highly desirable.

Job Location south of Houston, TX US
