

# Membrane Process & Controls, Inc.

## Job Description



**Job title: Programmer**

**Work Location: Edgar, WI – Main Office**

**Division/Department: Engineering**

**Reports to: Engineering Manager**

**Full-time**

**Part-time**

**Exempt**

**Nonexempt**

### **Essential Duties and Responsibilities:**

This position provides PLC/HMI/.NET programming to support the design, implementation, startup, and support of equipment that is provided and/or supported by MP&C. Maintain MP&C's integrity, professionalism and profitability through interaction with vendors, internal personnel and customers.

- PLC Programming in both RSLogix Designer (ControlLogix/CompactLogix) and RSLogix 500 (SLC/Micrologix)
- HMI programming using Wonderware and Factory Talk SE/ME, and other interfaces as required.
- VB.NET programming
- Work closely with project managers, process engineers, electrical engineers, and electrical technicians to provide timely support for multiple projects.
- Interface with vendors for knowledge and guidance of component selections.
- Interface directly with customers for both design/implementation and support.
- Understanding of basic electronics and ability to troubleshoot both software/electronics/mechanical components.
- Understanding of vector frequency drives, programming and implementation, and networking.
- On-call support approximately 1 week out of every two months.
- Maintain compliance with all company policies and procedures.
- An average of 35% over night travel to both local and international customer facilities is required.

### **Education and/or Work Experience Requirements:**

- Excellent math and programming aptitude.
- Excellent verbal and written communication skills, including ability to effectively communicate with internal personnel and external customers.
- Solid understanding of basic networking.
- Excellent computer proficiency (MS Office – Word, Excel and Outlook)
- Must be able to work under pressure and meet deadlines, while maintaining a positive, professional attitude and providing exemplary customer service
- Ability to work independently and to carry out assignments to completion within parameters of instructions given, prescribed routines, and standard accepted practices
- A minimum of a technical school degree in PLC programming/automation field.
- Desired - college degree in a programming / engineering (either mechanical/electrical) with programming emphasis.
- Desired – hands on training with process instrumentation and PLC components.
- Need to be able to obtain a Passport for international travel.

**Physical Requirements:**

- Ability to safely and successfully perform the essential job functions consistent with the ADA, FMLA and other federal, state and local standards, including meeting qualitative and/or quantitative productivity standards.
- Ability to maintain regular, punctual attendance consistent with the ADA, FMLA and other federal, state and local standards
- Must be able to sit for work at a desk
- Ability to walk, climb ladders, bend, lift and carry up to 50 pounds in and industrial plant is very helpful.
- Must be able to talk, listen and speak clearly in person or via phone

**Print Employee Name:**

**Employee signature:**

**Date:**