



Job Title: Process & Controls Engineer
Location: Manhattan, MT
Reports to: Director of Operations
Terms: Full-Time

Overview:

Montana Advanced Composites (MAC) is a developer and manufacturer of advanced composite materials used in the aerospace, sporting goods, transportation, and industrial markets. We are committed to building a collaborative team and offering a safe, positive, and flexible work environment.

MAC is seeking an experienced Process & Controls Engineer who will work collaboratively to design and implement process control systems in line with the Company's strategy for operational excellence. The successful candidate will demonstrate a commitment to improving industrial processes and have a deep knowledge of manufacturing and controls process design. Other necessary engineering skills include commitment to safety and environmental standards, project management, and on time delivery of high quality products.

Primary Responsibilities:

- Prioritize creating a safe plant, equipment and processes; exemplify a deep commitment to safe work practices in day-to-day behaviors
- Collaborate with Engineering, Operations and Maintenance teams to design and implement new process controls for manufacturing
- Develop effective automated and non-automated systems to optimize processes and improve overall efficiency and quality of manufacturing processes
- Program and configure Programmable Logic Controllers and other control devices
- Troubleshoot and maintain control systems, identifying and resolving issues to ensure smooth and reliable operation
- Create and maintain accurate documentation for control system designs and implementations
- Conduct thorough testing and quality control checks to ensure systems meet required standards
- Collaborate with Product Development and Engineering teams on machine design and process design for new products; assist with installation and commissioning of new manufacturing equipment
- Participate in training Production Team on new or upgraded process controls
- Develop best practices, routines and innovative solutions to improve production rates and quality

Skills and Qualifications:

- Proven work experience in process and controls engineering
- Bachelor's degree in Engineering or a related field
- Well-versed in relevant software (e.g., Productivity Series, Allen Bradley & Siemens PLCs), AutoCAD, MS Office
- Familiarity with manufacturing SCADA systems preferred
- Knowledge of manufacturing processes, machine design, and fabrication methods
- Deep knowledge of electrical manufacturing processes; understanding of electrical engineering codes and safety standards