

Aurivo is a large multi-purpose co-operative engaged in a wide range of activities including dairy processing, liquid milk distribution, animal feed milling, retail stores, garden centres, livestock marts as well as sports nutrition. It employs over 650 people directly and provides jobs for many others in transport, distribution and services.

Aurivo is now recruiting for a **Process Automation Engineer for our Dairy Ingredients business in Ballaghaderreen, Co Roscommon**. This is a new role created to support and develop the site-wide manufacturing control system, to include the upgrading of the OT network across the site to ensure that it meets current standards and functionality as well as maximizing operational efficiency. The successful candidate will join a broader production team supporting a 24/7 business which will require an equal balance of both workstation work and processing / manufacturing work.

Process Automation Engineer

Responsibilities:

- Support process control systems in a manufacturing environment, emphasis on quickly implementing programming solutions to resolve operational problems.
- Analysis of process data and support of continuous improvement efforts.
- Support of operations to optimize process performance.
- Integrate business systems with line control to automate machine operation and data transfer.
- Establish structured reports which pull equipment data and correlates to performance metrics.
- Own and develop effective use of SCADA and MIS data to support manufacturing and utility operations
- Commissioning of new and modifications of current equipment
- Provide client engineering input to scope definition for automation strategy for manufacturing equipment design along with associated support systems and infrastructure.
- Working closely with the Site Engineering & Project Teams, drive & execute routine site upgrades of Scada Software and Hardware systems.
- Providing guidance to the Senior Management Team on best practices and methodology for execution of complete system upgrades this would also include:
 - The compilation of documentation & presenting information from External vendors on the options available.
 - The most effective approach to upgrading the sites Automation Infrastructure.
- Define and where applicable, provide training on an "as needed" basis for engineering and maintenance personnel to upgrade their skills in troubleshooting, maintaining and improving manufacturing control systems.

Skills / Competencies:

- Bachelor's Degree in Electrical, Computer, Mechatronics, Robotics, or Electromechanical Engineering.
- Minimum 2+ years of manufacturing experience ideally in the Food and Beverage industry.
- Experience on Control System and Process Automation (Maintenance and/or Projects) including but not limited to PLC's, HMI's, DCS, Historians, Industrial Data Networks, Instrumentation and related hardware.
- Hands on experience with process controls equipment including PLCs, DCSs, HMIs, SCADA systems, real-time data historians, batch execution systems, SQL relational database systems, and network infrastructure including design and debugging skills. Hands on experience with Windows Servers hardware and Microsoft Windows applications.
- Experience with communication protocols including but not limited to RS-485, RS-232, Ethernet, and Data Highway Plus, Control Net, Modbus, and instrumentation field busses (Device Net, Foundation Field bus, Profibus, etc).
- Knowledge of GMP and environmental regulations applicable to the food and beverages industry.
- Experience with writing software test plans, user requirements, and system design documents.
- Strong teamwork, leadership, communication, and organization skills.
- Problem solving skills and the ability to perform root cause analysis
- Working knowledge of MS Office and the ability to learn and utilize job related systems

The company reserves the right to select a shortlist from applications received

Please forward your updated CV to Marilyn Phillips Marilyn.phillips@aurivo.ie by 20th August 2021