



Job Title	Automation Technician						
Business Unit	Group Distilling and Technical						
Function/Region	Maintenance						
Location	Tullamore Distillery						
Leader	Engineering and Maintenance Leader						
Job Level	5						
Role Purpose Site wide responsibility for the management of all hardware and software related to process automation, packaging automation and associated functions. Carry out all diagnostic checks on and monitor all automated systems (e.g. SCADA screens, PLCs, IO, MCC Panels, etc), isolating all problems and performing repairs as required. Troubleshoot all issues and determine if problem requires mechanical, electrical or computer software intervention and, once diagnosed, repair or replace any necessary components.							
Accountabilities <ul style="list-style-type: none"> • Overall responsibility for the Tullamore Distillery site automation network (management of network diagram, switches, asset record), PLC hardware (installation validation, audit and end of life management), server hardware and operating systems (OS licensing, software patches, hardware maintenance, upgrade strategies), process control software (recording and updating all process descriptions, coding standards, change control), remote access management. • Responsible for coding across existing installations – upgrades, modifications, bug fixes, new equipment integration (minor projects) and ensuring that new installations and strategic projects are developed to the same standard, including integration tie ins. • Work closely with all Distilling & Technical and Packaging & Supply Chain operations teams to develop site based expertise to ensure all code is developed and maintained to the required company standard, software change management methodologies are designed and implemented, etc. • Responsible for completion of all relevant software and hardware-based continuous improvement obligations. • Plan, manage and carry out all electrical CSD checks across Distilling & Technical and Packaging and Supply Chain operations. • Ensure the ongoing continuity and reliability of all site process control systems including future proofing system infrastructure and architecture. • Develop a competency assessment of system integrators and establish a list of approved SI's that can be engaged for the design of software and control system scope for strategic and site projects as required. • Establish and embed close working relationships with process design engineers, electrical engineers and in house operations teams to achieve cross functional ways of working for project design, system integrator management, data access and reporting. 							
Key Performance Metrics: <table border="1"> <thead> <tr> <th>KPI</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1. Adherence to Plan</td><td>Achieve >90% adherence to all work orders, RCAs, project work, etc</td></tr> <tr> <td>2. MTBF</td><td>Achieve a minimum of 5% year on year improvement in PLC-based mean time between failure (i.e. plant instrumentation to SCADA) metrics</td></tr> </tbody> </table>		KPI	Description	1. Adherence to Plan	Achieve >90% adherence to all work orders, RCAs, project work, etc	2. MTBF	Achieve a minimum of 5% year on year improvement in PLC-based mean time between failure (i.e. plant instrumentation to SCADA) metrics
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3.	Alarm Counts and Simulations per Unit	Successful management process for simulations implemented to achieve a 0 strike rate with all plant alarms to be sensible and managed
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Values



BE PROUD

We are proud of our brands, our heritage, and our commitment to superior quality in our products



BE RESPONSIBLE

We expect every individual and their teams to be accountable and to perform to their full potential



BE SUSTAINABLE

We wish to make a positive contribution to our communities and to our environment



BE PROFESSIONAL

We value integrity, transparency, professionalism and constructive debate within a team working culture



BE ENTREPRENEURIAL

We foster a forward thinking and innovative culture that recognises the need for innovative thinking and continuous improvement



THINK LONG TERM

We are proud of our brands, our heritage, and our commitment to superior quality in our products

Core Competencies:

Applying Expertise & Technology

- Applies specialist and detailed technical expertise
- Develops job knowledge and expertise through continual professional development
- Shares expertise and knowledge with others
- Uses technology to achieve work objectives
- Demonstrates appropriate physical co-ordination and endurance, manual skill, spatial awareness and dexterity
- Demonstrates an understanding of different organisational departments and functions

Deciding and Initiating Action

- Makes prompt, clear decisions which may involve tough choices or considered risks
- Takes responsibility for actions, projects and people
- Takes initiative, acts with confidence and works,
- Initiates and generates activity

Analysing

- Analyses numerical data, verbal data and all other sources of information
 - Breaks information into component parts, patterns and relationships
 - Probes for further information or greater understanding of a problem
 - Makes rational judgements from the available information and analysis
 - Produces workable solutions to a range of problems
- Demonstrates an understanding of how one issue may be a part of a much larger system.

Presenting and Communicating Information

- Speaks clearly and fluently
- Expresses opinions, information and key points of an argument clearly
- Makes presentations and undertakes public speaking with skill and confidence
- Responds quickly to the needs of an audience and to their reactions and feedback
- Projects credibility

Delivering Results & Meeting Customer Expectations

- Focuses on customer needs and satisfaction
- Sets high standards for quality and quantity
- Monitors and maintains quality and productivity
- Works in a systematic, methodical and orderly way
- Consistently achieves project goals.

Health, Safety & Environment; Acts in a safe manner

- Follows safe working procedures and seeks advice if unsure about a task
- Only uses authorised and fit for use equipment
- Reports accidents, unsafe acts and unsafe conditions to their leader
- Co-operates with Leaders and other Team Members in promoting and improving health and safety within the team
- Makes full use of any equipment provided for their health and safety
- Considers the impact of actions on the environment



Skills and Qualifications:

Essential:

- A third level qualification in Manufacturing Technology, Mechanical / Automation Engineering, Electrical, Electronics, Mechatronics or the National Craft Certificate together with additional specialised training and experience.
- Experience of working in high volume manufacturing automation environment.
- Proficient in Allen Bradley / Rockwell Automation PLC products with an ability to understand complex programming functions and write code from specification.
- Experience of development, deployment & maintenance of SCADA / HMI systems (Allen Bradley) and associated infrastructure.
- Preferably have a knowledge of Industrial Networks (Ethernet IP and Control Net). Must have a good understanding of Manufacturing Automation, and ideally in equipment design and development.

Desirable:

- Proven ability to provide innovative solutions to complex technical problems.
- Strong written and oral communication skills with a high level of proficiency in MS Office.
- Be a resourceful and creative problem solver.

Created by:	Philip Gilic
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HRBP:	Marie Harte
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