**JOB DESCRIPTION**



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| **Job Title:** | **Industrial Automation Technician** |
| **Department:** | **Maintenance** |
| **Reporting To:** | **Maintenance Lead** |
| **Revision:** | **01** |

INTRODUCTION

Irish Pressings is a market leader in the design & manufacturing of tooling, metal stampings, weld assemblies, projection welding, precision machining and prototyping services. A large variety of production process equipment is used in the afore mentioned services. Ability to work independently, as part of a team, and maintain a positive attitude while working in a high-pressure environment are essential attributes.

The Industrial Automation Technician (IAT) plays a key role in relation in the designing, developing, and implementing of automation systems to optimise all production & manufacturing processes here in Irish Pressings.

The Industrial Automation Technician is also expected to support activities in the Building Services (Facilities/Utilities) areas also, as and when required.

The position requires a commitment to Quality, Effectiveness (“doing the right things”) and Efficiency (“doing things right”).

Several key areas of responsibility are outlined below under appropriate headings. On a routine daily basis, other specific duties will be assigned.

**KEY TASKS & RESPONSIBILITIES**

*Service:*

* Provide automation services to all processes on site.
* Write, test and commission automation programs as required for new and existing processes which may include bespoke systems.
* Contribute to project meetings and liaise with both internal & external stakeholders for efficient & cost-effective solutions as required.
* While ongoing responsibilities may be assigned, flexibility is important. The IAT is expected to work in any area of the plant as required. As in any manufacturing facility, priorities change on an ongoing basis, and the IAT must react positively & flexibly to changing priorities.
* The IAT is part of the wider maintenance team and is encouraged & expected to work co-operatively with other team members, giving advice, assistance etc as needed. In addition, the IAT is also part of the wider operations team and is expected to work with this team in delivery of production goals.
* Communication is important. The IAT must communicate relevant information to management & staff in maintenance & other departments. This may include notifying of current or potential issues, status of issues (e.g. expected time to repair for a reactive intervention) etc. Communication may be verbal, written (e.g. interventions log), teams, email etc.
* In general, the IAT should foster positive working relationships with fellow staff, and act as a key member of the operations team assisting towards delivery of production targets and quality standards.

*Maintenance:*

* Proficiency in programming languages such as PLC, SCADA, and HMI. Collaborating with cross-functional teams to identify automation needs and develop solutions.
* Troubleshooting and resolving issues with automation systems, including hardware and software components.
* Conducting regular maintenance and upgrades of automation systems to ensure optimal performance.
* Developing and implementing safety protocols and procedures for automated processes.
* Training and providing technical support to operators and maintenance personnel on automation systems.
* Monitoring and analysing data from automation systems to identify areas for improvement and optimize performance.
* Staying updated with the latest advancements in industrial automation technology and recommending innovative, cost-effective solutions to enhance operations.
* Assist with set-up and changeover of production equipment to particular formats as required.
* An ancillary part of the role includes maintenance of buildings and utilities systems and equipment as and when required.

*Administration:*

* Operation of maintenance work procedures, including generation and completion of all documentation as required by the Quality department.
* Develop and implement standard operating procedures to ensure the future compliance of all automation systems.
* Maintain up to date records & documentation for all PLC, HMI & SCADA programs to ensure they are current and readily available for access as required.
* Timely completion of daily interventions logging.
* Completion of training records as required.
* To co-operate fully in the writing and development of Standard Operating Procedures (SOP’s), including personally writing them and assisting others to do so.

*Quality:*

* To carry out all Engineering work in accordance with current Good Manufacturing Practices (GMP’s).
* To complete all documentation relating to automation activities as required in a timely fashion.
* To ask, if in doubt, about any practice or unusual finding.

*Housekeeping:*

* When working in Production areas, to perform and complete work in a clean and tidy manner. In particular:
	+ Production facilities and machines should be left in the same state of cleanliness as found following an intervention. Any contamination (dirt, metal filings, failed components, lubricants etc.) arising from the intervention must be removed.
	+ All tools & components should be accounted for and removed. No excess or spurious components should be left on or in the vicinity of machines.
* To maintain the Maintenance workshop, personal & general tools, and spare parts in accordance with IP 5S policy.

*Training:*

* To participate in all training and assessment activities related to the position of IAT.
* To identify relevant areas of personal training for inclusion on the company training Plan.
* To attend all training courses (internal or external), seminars as required for training related to the position.
* Training of Production Operators in the operation and maintenance of production equipment with a view to them becoming as self-sufficient as possible.

*Safety:*

* To adhere fully to all safety policies, procedures and regulations issued by IP.
* To immediately notify the appropriate responsible person if he observes a breach of policy, procedure, regulation or a potential hazard that could have a serious impact on safety or result in serious personal injury to any person on site.
* To report incidents and accidents in a timely manner by means of the company’s reporting procedure.
* To offer technical input towards ensuring safe systems of work, and safe operation of equipment and processes.

**Note: Due to the nature of the business, additional duties may be assigned from time to time.**