

<b>JOB TITLE</b>	<b>Junior Control &amp; Instrumentation Technician</b>		
<b>COMPANY</b>	UPP		
<b>DEPARTMENT</b>	Maintenance		
<b>PURPOSE OF THIS POSITION</b>			
<p>This position is seen as being a key player in both the corrective and preventative maintenance processes for all our electrical, electronics, instrumentations and controls across all factories. The incumbent must be able to structure preventative maintenance activities to ensure the optimum life cycle costing for the assets under their care as well as develop upgrade plans, capital expenditure requirements, spares keeping and inventory policies. The incumbent would also be expected to troubleshoot, and fault find during breakdowns and offer solutions with respect to the electrical, electronics, instrumentation and controls across all factories. A degree of programming and fault finding may be required from time to time but an ability to interact with the different systems we have within the operations is a must.</p>			
<b>JOB TASKS &amp; RESPONSIBILITIES</b>			
<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%;"> <p><b>Planning &amp; Productivity</b></p> <ul style="list-style-type: none"> <li>- Availability of the operational assets is the main purpose of this job function. Reduce downtime related to electrical, electronics, instruments and controls</li> <li>- Develop upgrade and corrective paths where necessary.</li> <li>- Assist production processes by optimising the assets at hand and utilising them to their maximum. This would entail loop tuning, trend analysis, drive optimization and other relevant areas where continuous improvement can be implemented.</li> <li>- Ensure that maintenance on electrical, electronics, instruments and controls are performed on a continuous basis.</li> <li>- Responsible for shutdown work and electrical &amp; instrumentation maintenance on machines.</li> <li>- Attend to breakdowns on machines as soon as possible.</li> <li>- Develop and execute preventative maintenance schedules on Instrumentation &amp; Controls equipment</li> <li>- Install, maintain and repair electrical control, wiring, and instrumentation systems.</li> <li>- Prevent breakdown of systems by routinely inspecting and replacing old wiring and insulated cables, cleaning circuits and panels etc.</li> <li>- Troubleshoot instrumentation &amp; control issues using the appropriate testing devices and make timely repairs.</li> <li>- Perform effective troubleshooting to identify hazards or malfunctions and repair or substitute instrumentation and other electrical components.</li> <li>- Ensure adequate inventory of necessary supplies and parts.</li> </ul> </td> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> <li>- To identify, initiate and implement projects within the control and instrumentation sphere.</li> <li>- To project manage any upgrades or new installations.</li> </ul> <p><b>Health &amp; Safety</b></p> <ul style="list-style-type: none"> <li>- All electrical installation work that is undertaken must meet accepted electrical standards and to always comply with the OHS Act.</li> <li>- Maintain and update legislated registers as required by law i.e. Portable Electrical Equipment, Earth Leakages etc.</li> <li>- Test electrical systems and components to ensure proper functioning.</li> <li>- Calibrate equipment to provided specifications.</li> <li>- Complete required documentation of repairs and service information as well as job cards</li> </ul> <p><b>Quality</b></p> <ul style="list-style-type: none"> <li>- To ensure that all systems are always in good working order to prevent quality defects.</li> <li>- To ensure that workmanship is of a high calibre preventing rework and unnecessary downtime.</li> </ul> <p><b>Safety and Risk Management</b></p> <ul style="list-style-type: none"> <li>- Identification and reporting of potential risks or issues concerning machines, equipment or personnel that could cause financial or operational damage.</li> <li>- Responsible for the integrity of all electrical &amp; instrumentation safety devices used on all machines and equipment.</li> <li>- Responsible for good housekeeping and safe working environment in the electrical workshop.</li> </ul> <p><b>Ad hoc</b></p> <ul style="list-style-type: none"> <li>- Assisting with ad hoc tasks and enquiries if and when required</li> </ul> </td> </tr> </table>		<p><b>Planning &amp; Productivity</b></p> <ul style="list-style-type: none"> <li>- Availability of the operational assets is the main purpose of this job function. 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## CAREER OPPORTUNITY

### KNOWLEDGE, SKILLS & ABILITIES REQUIRED

- Have knowledge of Siemens control systems both S5 and S7.
- Knowledge of PLC's and DCS systems is essential
- Knowledge of the paper industry and associated instrumentation would be extremely beneficial.
- Knowledge of axis controllers and servo motors would be preferred.
- Analysing information and using logic to address work related issues and problems.
- Conversant with relative legislation regarding Health and Safety requirements.
- Must be able to trouble shoot through process logic using primarily Siemens software.
- Good knowledge of environmental requirements.
- Capacity to work alone as well as work in a team.
- Computer literacy: MS Office essential; MS Project beneficial. Conversant with CMMS systems with HIPPO exposure a bonus

### MINIMUM REQUIREMENTS

1. 1 to 2 years' experience in a maintenance function within a process industry with experience in the paper industry preferred.
2. Minimum: N3 and Electrical Trade Test (Electrician)
3. Ideal: N6 and Diploma in Electrical Process Instrumentation

### APPLICATION

- Submit your CV to **Shamiek Narrandes** at [snarrandes@upap.co.za](mailto:snarrandes@upap.co.za)
- **Proof of qualifications must accompany the application.**