

JOB TITLE	Millwright Apprentice
COMPANY	Universal Paper and Plastics
DEPARTMENT	Maintenance
PURPOSE OF THIS POSITION	
To ensure that all machines and equipment are kept in a good and reliable condition, for maximum production and lowest downtime. Overall responsibility is the mechanical maintenance and repairs in the Roll, Serviette, and Ink Factories so that they are well managed and that the support to the operational areas is sustained at an appropriate level to reduce downtime, minimize maintenance costs and ensure optimal asset life. Will be required to be available after hours and perform standby duties as and when the situation calls for it.	
JOB TASKS & RESPONSIBILITIES	
<p>Productivity</p> <ul style="list-style-type: none"> – Electrical Measuring Instruments and testing instruments; – Soft Soldering; – Recall symbols and abbreviations used on electrical circuits for schematic and wiring diagrams, connection schedules, cables schedules, layouts and single-line drawings; – Interpret electrical drawings; – Maintain general safety regulations and occupational health and safety standards; – Service motor control and AC drives; – Motor alignment and pumps; – Wiring of control panels, do panel lay out with trucking and wire panel according to drawings. Commissioning and testing of manufactured panels. Maintain and clean all electrical panels; – Do hand filling and grinding; – Weld and braze metal parts together and round off with surface grinder; – Supporting Artisans with changing of AC control gear and Fuses; – Fault finding on control panels, distribution boards, contactors, relays, insulators, fuse holders and motor control gear; – Recall the current carrying capacity of conductors according to length and cross-sectional area; – Join conductors by Crimping and/or Soldering; – Make off and join multi and single core, standard PVC armoured cable up to 16mm² 4 core, (1200-volt insulation); – Change and install light fittings; <p>Subordination</p> <ul style="list-style-type: none"> – Maintain repair and test the following equipment: – Control panels, distribution boards, contactors, relays, switch-gear, circuit breakers, timers, isolators, fuse holders, motor control gear, electrical machines – protective devices and lighting systems. – Design and wire the following with reference to the applicable drawings: – Panels, starters, motors, motor control gear, electrical distribution systems, protective systems, lighting systems including discharge and fluorescent lamps – Design and wire control and main circuit to which the following single-phase machines can be connected: – Capacitor start motor - forward and reverse – Capacitor start, capacitor run motor - forward and reverse. – Star Delta starters and sequence starting of AC induction motors. – Motor Protection relays and direct on-line starters. – Hydraulic and pneumatic panels fault finding, changing valves and top up hydraulic oil. – Air conditioner unit's services. – Fault finding on relay panels and electrical diagram panels. 	
KNOWLEDGE AND SKILLS REQUIRED	
<ol style="list-style-type: none"> 1. Must have institutional training 2. Understand basic Health and Safety protocols 3. Must be willing to learn 	
MINIMUM REQUIREMENTS	APPLICATION
<ol style="list-style-type: none"> 1. N2 in related trade theory 2. Must have institutional (workshop) training 	<ul style="list-style-type: none"> - Submit your CV to Shamiel Narrandes via email at snarrandes@upap.co.za - Proof of qualifications must accompany the application.