

Anthony Tiernan

Electrician at JBS Swift Australia

W: <http://www.worky.com/anthony-tiernan>

Licensed Electrician (mechanic & fitter) with over 10 years experienced. Self-motivated, hard working I have exceptional technical ability working across a broad range of systems and facility types, My excellent interpersonal skills make me a good team member as well as an effective leader. I adhere to industry regulations at all times and enjoy keeping up to date with the latest electronic technology and innovation.

Anthony Tiernan's Professional Experience

2012 - Present **JBS Swift Australia - Electrician**

RESPONSIBILITIES:

- Ensure the availability, reliability and capability of the plant assets
- Experience in AC motor control systems including AC VSD's.
- Maintain, control and diagnose FMCG machinery such as high speed conveyors, sensors, hydraulic & pneumatic machinery and packaging machines.
 - Monitor, follow up and address issues associated with the implementation and progress of planned and unplanned maintenance tasks
 - Continuous improvement of plant equipment and systems
 - Communication with management in relation to equipment and maintenance issues
 - Understand and implement quality control techniques
 - Proactive approach in the implementation of preventative maintenance
 - Be actively involved with inspections of equipment undergoing rebuild or repair
- Ordering of spare parts and equipment

JOB DETAILS

- Electrical fitter mechanic trade qualifications and experience with PLC fault finding, Allen Bradley, Omron, Mitsubishi. Programming and modifications
- Experience in maintenance/repair in a fast paced manufacturing environment
- A thorough understanding of maintenance work management practices
- Understanding of work planning and scheduling procedures
- Experience gained from a large heavy industry organisation
- Sound computer skills
- Well developed communication and interpersonal skills
- Effective and efficient problem solving skills
- Thorough understanding and knowledge of OH&S regulations/procedures
- High attention to detail
- Ability to work autonomously and in a team environment

Key Skills Electrical, FMCG, high attention to detail, proactive, programming

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2010 - 2011 **Student - Automation & Controls**

Engineering Maths, Electronics, Manufacturing Principles and Materials, Electrical Technology, Industrial Studies and Computers, Engineering Science.

Key Skills Electrical, electronics, engineering

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2004 - 2008 **Dell - Maintenance Electrician**

Electromechanical Maintenance Technician

- Preventative maintenance and repair of all mechanical and electrical faults in this PLC & Automated control environment.
- Responsible for electrical and mechanical automated plant equipment maintenance and repair and provide technical support to all manufacturing.
- Ensuring that all equipment is capable of performing their operational function safely and effectively
- Inspecting equipment in conjunction with planned maintenance schedules
- Retro-fitting of machinery as necessary
- Escalating daily production and operating issues and liaising with other departments.
- Recording of key information relating to Reports, Scheduling, Parts & Equipment using PEMAC system
- Installation, calibration and maintenance of RFID bar code scanning systems
- Adjusting machine and systems efficiencies such as the variable speed drives
- Supervised and organised extensive mechanical assembly & maintenance projects including power roller, conveyor lift, maintenance of frames, cradle Lifts, pneumatic controlled blade stops and solenoid systems.
- Maintenance, operation and fault-finding of Profibus fieldbus technology systems & AS-I bus
- Programming and installation of fixed and hand held scanners and printers using Blackbird Technology systems
- Maintenance of Three Phase panels and switchgear
- Operated to strict Health & Safety guidelines for example lock out/Tag out and area closure.
- Commissioning, diagnosing faults and repairing of Intelli Lift operation
- Developed excellent computer literacy including PC setup & LAN setup
- Became familiar with chain linkage, bearings and shafts, gearboxes & elevator systems.
- Maintenance of vacuum hoists & pumps
- Worked effectively within a team and in conjunction with other departments and supervisors
- Demonstrated flexibility in order to provide a full service to this 24/7 operation.

Key Skills Electrical, electromechanical, Mechanical, programming, Reports, Technical Support

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2004 - 2004 **DC controls - Electrician**

Reading electrical schematics,wiring and installation of electrical,pneumatic and PLC controlled machines.Troubleshooting and faultfinding of circuits and devices.

Key Skills Electrical

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Reading electrical schematics,wiring and installation of electrical,pneumatic and PLC controlled machines.Troubleshooting and faultfinding of circuits and devices.

Key Skills Electrical

1999 - 2004 **Modular Automation - Apprentice electrical/instrumentation**

- Reading electrical and pneumatic drawings and building panels and machines as per drawings.
- Utilising PLC's - basic programming set up and wiring.
- Developed strong soldering skills.
- Worked primarily on Electro/Mechanical machines involving limit switches/photo sensors/proximities/e-stops/overloads/relays/MCB's/contactors
- Developed technical knowledge of Inverters/Clutch brakes/braking resistors/thermal cut outs
- Trunking and cable installation
- Using hand and power tools in a safe and effective manner
- Fault finding and repair of automated machines.
- Dismantle and assemble old and new electrical and pneumatic control panels and machines.
- Installing & maintaining motors from single phase, three phase, dc motors & stepper motors

- Conduit installation.
- Safety circuits

Key Skills Electrical, Mechanical, programming

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Key Skills Electrical, Mechanical, programming

Anthony Tiernan's Education and Qualifications

2012 **Bachelor/Degree - Automation and Control Technology, YEAR 1 Completed**
Limerick Institute of Technology

1998 **Bachelor/Degree - Leaving Cert, 1998**
St Nessans community college

1998 **Bachelor/Degree - Leaving Cert, 1998**
St Nessans community college

College Level -

Electrical qualification

Anthony Tiernan's Additional Information

Links

Linkedin Profile - <http://www.linkedin.com/pub/anthony-tiernan/1b/482/a5b>

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Interests

Motor control using VFD technology and electric drive systems.
