

WILLIAM HANSON

Engineering Technician

INFO

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LINKS

[Facebook](#)

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SKILLS

Statistical Design



Process Analysis



Business Process Improvement



Preventative Maintenance



Circuitry



Data Assimilation



Electrical Inspections and Re...



PROFILE

Meticulous Engineering Technician with proven experience in electrical system wiring and installations for industrial commissioning projects. Adept in system upgrades and redesigning complex circuitry for power plans and alternative energy storage farms. Completed an Associate Degree in Engineering Technology and holds a Certified Engineering Technician (CET) accreditation.

EMPLOYMENT HISTORY

Engineering Technician, Ediolux Engineering Consultants

Bonnievale

Jan 2018 - Present

Implement mechanical verification and reliability test protocols for 60 prototypes in the last ten months.

- Validate drawing designs for tools and machinery by checking dimensions and comparing to original specifications
- Create a process flow with step by step guidelines for product assembly
- Conduct and record testing procedures per production specifications
- Responsible for quality audits and control measures of all production lines in the facility

Maintenance Engineering Technician, Murray & Johnson

Indeanapolis

Jan 2016 - Dec 2018

Boosted production efficiency by 35% following the redesign of machine and equipment electrical maintenance scheduling.

- Develop prototypes for electrical and electronic circuitry
- Build, calibrate, and repair testing equipment and calibration instruments
- Troubleshoot electrical system design faults and create solutions
- Install, maintain and fix electrical systems, PCB boards, and electronic components

Monitoring



Report Writing



Solid Works



AutoCAD



Autodesk Revit



OHSA Mandates



Prototype Development



Coding Firmware



Lean Manufacturing



Lean Six Sigma



Kanban



SQL



Root Cause Analysis



ERP Systems



Split Testing Methods



Process Flow



Schematics



Engineering Technician (Industrial), Irridium Management Consultants

Kirksville

Jan 2015 - Dec 2015

Incorporated Kaizen methodology into facility management practices which resulted in safety scores improving by 18% without adding any additional worker resources.

- Responsible for process improvement and business continuity strategies
- Implemented Kanban principles to solve inventory issues and improve cash flow resources
- Design production layout schematics to enhance the flow of fabrication
- Embark on cycle time studies and comparative analysis against TAKT time frames to improve line balancing and production output

EDUCATION

Kaplan University, Bachelor of Science in Engineering Technology

Orlando

Jan 2014 - Dec 2016

Major Subjects: Engineering Analysis, Circuitry, Linear Networks

GPA Score: 3.8

National Institute for Certification in Engineering Technologies (NICET), Certified Engineering Technician (CET)

Alexandria

Jan 2016 - Jun 2016

American Society of Quality, Certification in Six Sigma Green Belt

Online

Jun 2012 - Dec 2012

INTERNSHIPS

Civil Technician Trainee, Habitat for Humanity

Nairobi, Kenya

Jan 2014 - Jun 2014

Six-month internship abroad.

- Supervise CAD Draftsman for multiple design projects from draft schematics to final drawing proposals
- Write infrastructure safety reports by analyzing mechanical and electrical blueprints
- Approve statements of work from all site managers
- Design specifications and protocols for construction projects including estimation reports and monitoring processes to execute appropriate quality control

COURSES

Construction Safety for Civil Engineering Technicians Course, Northcentral University, Scottsdale AZ

Jun 2019 - Jun 2019