



William Hanson

Engineering Technician

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PLACE OF BIRTH San Antonio

DRIVING LICENSE Full

01 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.

02 EMPLOYMENT HISTORY

Jan 2018 – Present
Bonnievale

Engineering Technician at Ediolux Engineering Consultants

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

Jan 2016 – Dec 2018
Indeanapolis

Maintenance Engineering Technician at Murray & Johnson

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

Jan 2015 – Dec 2015

Kirksville

Engineering Technician (Industrial) at Irridium Management Consultants

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

03 EDUCATION

Jan 2014 – Dec 2016

Orlando

Kaplan University

Bachelor of Science in Engineering Technology

Major Subjects: Engineering Analysis, Circuitry, Linear Networks

GPA Score: 3.8

Jan 2016 – Jun 2016

Alexandria

National Institute for Certification in Engineering Technologies (NICET)

Certified Engineering Technician (CET)

Jun 2012 – Dec 2012

Online

American Society of Quality

Certification in Six Sigma Green Belt

04 SKILLS

Statistical Design



Process Analysis



Business Process Improvement



Preventative Maintenance



Circuitry



Data Assimilation



Electrical Inspections and Repair



Monitoring



Report Writing



Solid Works



AutoCAD



Autodesk Revit



OHSA Mandates



Prototype Development



Coding Firmware



Lean Manufacturing



Lean Six Sigma



Kanban



SQL



Root Cause Analysis



Split Testing Methods



ERP Systems

Schematics

Process Flow

05 INTERNSHIPS

Jan 2014 – Jun 2014

Nairobi, Kenya

Civil Technician Trainee at Habitat for Humanity

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

06 COURSES

Jun 2019 – Jun 2019

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