



William Hanson

Engineering Technician

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 at Ediolux Engineering Consultants, Bonnievale

January 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 at Murray & Johnson, Indeanapolis

January 2016 – December 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

Engineering Technician (Industrial) at Irridium Management Consultants, Kirksville

January 2015 – December 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

Details

1515 Pacific Ave, Los Angeles, CA 90291, United States, (541) 754-3010

email@email.com

Place of birth

San Antonio

Nationality

American

Driving license

Full

Links

[Facebook](#)

[LinkedIn](#)

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

- Embark on cycle time studies and comparative analysis against TAKT time frames to improve line balancing and production output

Lean Manufacturing	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Lean Six Sigma	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Kanban	<div style="width: 100%;"><div style="width: 100%;"></div></div>
SQL	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Root Cause Analysis	<div style="width: 100%;"><div style="width: 100%;"></div></div>
ERP Systems	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Split Testing Methods	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Process Flow	<div style="width: 100%;"><div style="width: 100%;"></div></div>
Schematics	<div style="width: 100%;"><div style="width: 100%;"></div></div>

Education

Bachelor of Science in Engineering Technology, Kaplan University, Orlando

January 2014 – December 2016

Major Subjects: Engineering Analysis, Circuitry, Linear Networks

GPA Score: 3.8

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

January 2016 – June 2016

Certification in Six Sigma Green Belt, American Society of Quality, Online

June 2012 – December 2012

Internships

Civil Technician Trainee at Habitat for Humanity, Nairobi, Kenya

January 2014 – June 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

June 2019 – June 2019