



Clint Hanks

Electrical Engineer

Profile

Energetic Electrical Engineer with nine years of experience in the production design of microprocessors for global navigation systems in the Aerospace Industry. Experience with Eagle, PADS and ORCAD, PADS, and Eagle. Involved in the design of 200+ specialized PCBs in the last 18 months. Holds a Ph.D. in Signal Process Electronics.

Employment History

Electrical Engineer at Manow Industries, Jackson

January 2018 — July 2020

Overhauled machine arrangements across various departments to improve efficiency by 38% in 30 days

- Design, maintain and improve electrical systems, components, facilities and instruments for domestic, commercial or industrial purposes
- Use computer-assisted design and various engineering software and equipment to perform engineering duties
- Discuss project scope, progress, and challenges with Engineering Manager
- Ensure the installation and operating mechanics of circuitry and electrical components conform to client specification
- Prepare technical spec lists and schematics for PCB boards, circuitry and high voltage systems electrical systems specifications, technical drawings or topographical maps
- Establish installation and maintenance standards by performing complex calculations
- Ensure compliance with industry codes and regulations by directing and coordinating the installation, manufacturing, maintenance, troubleshooting, testing and repair of electrical systems or components
- Write reports and compile data sets regarding current and future engineering projects and research studies

Electrical Engineer at RTA Electrical Components, Winterhude

January 2016 — December 2017

Spearheaded the Lean Manufacturing Kanban philosophy which had positive effects on quality, cost and time levels by decreasing expenditures by 28%, improved quality by 18% and cut lead times by 34%

- Prepare specifications of procurement of electrical materials and equipment
- Supervise junior staff members and contract workers
- Create estimation reports for material, labor and construction costs and present as part of budget preparations

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

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Skills

Schematics
Signal Processors
Mega Power Transmitters
High Voltage Circuits
ANSYS Maxwell
Raspberry Pi
Electric motors / generators
Electrical measurements
Python
C / C++ / C#
SCADA
Project management skills
Prototyping and testing
Industry 4.0
Automation
Programming skills and languages
Electrical / PCB design software
National Electric Code (NEC)