

# EDWARD GOOSEN

## Repair and Assembly Specialist

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### OBJECTIVE

Seeking a key assembly and repair role in an organization where I would utilize two decades experience to support my employer's objectives. With proven skills in mechanics, electronics, troubleshooting, quality and the ability to cross-train others, seeks a responsible and accountable hands-on role, eventually as a "go-to guy" for assembly and repair. Seeks to add value quickly and effectively, having attained ISO and government certification in the assembly and repair of gyro motor systems used in military and commercial markets as well as skills in chemical extraction and filtration procedures.

### PROFESSIONAL EXPERIENCE

#### EDAX/AMETEK, Inc., Mahwah, NJ

2007 - 2009

##### Senior Repair and Assembly Specialist

- Hired, then quickly reduced average repair backlog by hundreds of assemblies by performing repairs efficiently.
- Worked collectively with the Engineering Area to trouble-shoot manufacturing and design problems to improve repair processes, thereby reducing assembly defect, field failure and returns.
- Developed expertise with crystals and FET wiring systems, reducing final assembly defects.
- Assembled and repaired equipment following mil-spec standards including; Apollo, Keyounce, Eagle and Technos systems. Sought and found methods to save time, reduce cost, retain quality and cross-train others.
- Used extensive voltage test procedures and applied policy to perform prep work, cementing of wiring pins, valves, window lens and fiber optic assemblies, thus assuring constancy, efficiency and quality.
- Applied knowledge of liquid nitrogen handling, maintaining a zero incident safety record.
- Saved thousands of dollars and increased our customer's reliability and quality with new and repaired parts via a more comprehensive and efficient part and assembly cleaning process.

#### KEARFOTT GUIDANCE AND NAVIGATION, Inc., Littlefalls, NJ

1985 – 2007

##### Assembler and Troubleshooter

- Promoted and appreciated over 21 years, very proudly earned the "go-to guy" identity in assembly and repair.
- Implemented a recycled fluids program that distilled and filtered expensive liquids. One that had a supply cost of \$5,000 a barrel. This program resulted in ongoing financial savings and reduced waste that continues today.
- Applied improvements and achieved highest defect-free record in company for 955 motor assemblies.
- Assembled Conex, Mita 5, Mode2E, Mod2C, and 955 Gyros equipment trouble-shoot manufacturing problems and service and repair assuring schedules and backlogs were met on-time and with quality.
- Performed milspec parameter analysis and motor sync performance testing ensuring performance and quality.
- Supported Engineering and machine shop, collectively designing tooling and fixtures that improved assembly and repair performance and efficiency on various motor systems.
- Achieved Certification in Soldering Milspec 2000, 2000A, and 454 to follow strict military standards and Achieved ISO certification in assembly, extraction and filtration. Attained a security clearance for government work assignments. Resulted in my employer's ability to retain government business.
- Trained other repair and assembly specialists with pride, enabling my employer to meet increased commitments.

### EDUCATION

#### William Paterson University, Wayne, NJ

1984 – 1986

#### Bergen County Technical, Teterboro, NJ, Electrical Construction

1989 – 1990