

# Donald Welsh

## Manufacturing Engineer - Oil Lamp Services

West Chester, PA - Email me on Indeed: [indeed.com/r/Donald-Welsh/24f8ce4a5c33ce62](https://www.indeed.com/r/Donald-Welsh/24f8ce4a5c33ce62)

Diversified and successful background which includes: Management, Supervision, Quality Control, Maintenance, Safety, Mechanical Engineering, Industrial Design, and Purchasing.

Experienced in operation of all conventional tool room and machine shop machinery and an excellent understanding of manufacturing processes, including store bought equipment and custom made assembly equipment. Including Plastic ejection, blow molding, die casting equipment. Strong understanding of Mechanical, Electrical and P&ID drawings and familiar with Auto-cad, Pro-E software and Catia. Very familiar with Aerospace Quality Control processes including Nadcap. ISO 9001, ISO9002, AS 9100, Boeing [...] and [...]

Personal attributes include ability for complete dedication to multi-jobs and the ability to affect strong loyalty from subordinates and strong loyalties from past employers. As a self-assured team player with excellent communications and interpersonal skills, who is alert to problematic areas. Respected for integrity, leadership, and team building/ participation to institute and gain acceptance of corrective measures. Self-Motivated, Quality Conscious Manager with a Managerial Skill for Meeting Stringent Production and Cost Objectives whether being made in house or off shore.

Have been heavily involved in getting new products on the market and designing production lines to manufacture the new products or dealing with outside vendors to do the manufacturing, this activity includes: Project Management, Responsibility for Capital Equipment Requirement Identification, Justification and Acquisition from outside vendors which included traveling to Canada, China and Israel to get new products to market.

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Manufacturing Engineer

Oil Lamp Services - Kimberton, PA - 2014 to Present

Manage, Maintenance Dept., Manufacturing Engineer Dept.

- Do all purchasing of spare parts store bought and custom parts.
- Involved in all new product development from design to getting to the marketplace.
- Designed and built 2 different high speed liquid filling lines and 2 custom assembly machines for new products.

#### Head Quotation Engineer

Folsom Tool & Mold Corp - Aston, PA - 2012 to 2014

Was the head estimator for 2 different plants, 1st was a full blown CNC machine shop with 3,4 & 5 axis milling and live tooling centers, the 2nd was for a complete sheet metal shop and assembly plant which included welding shop.

- Company won Boeing supplier of the year and Boeing Excellence awards, other customers were Eaton Aerospace again won Premier Supplier award, Agusta, Bell, L3.
- Quotations ranged from single parts to long term major aerospace assemblies, including complex mechanical assemblies, ground support equipment, floor panels and heavy lifting cable assemblies for multi- year contracts.

- Quotations included hardware, outside vendor process and outside manufacturing, very familiar with all aerospace specifications, processes and quality procedures.
- Had to work as a team with all the Work Cell Managers and Department Managers on large quotation projects.
- Quoted Approx. 100 to 150 bid packages a month.

### **Manufacturing Engineer**

Trexler Industries Inc - Bethlehem, PA - 2012 to 2012

2012

- Oversee all manufacturing in a job shop atmosphere, Lasers, Turret presses, Robotic welders, Machining center, V-break presses, OBI presses, Tool and die shop.
- In the process of developing two new product lines that have do with firearms.
- Manage all machine operations in a sheet metal and machine shop manufacturing.
- Keep all machinery in proper operation and do any repairs or updates to machinery as needed.
- Getting involved with dealing with customers and venders, which includes engineering new projects for customers.

### **Manufacturing Engineer**

Le-Jo Enterprises - Phoenixville, PA - 1999 to 2012

Manage Machine Shop, Tool and Die Shop, Maintenance Dept., Manufacturing Engineer Dept.

- Do all purchasing of spare parts store bought and custom parts.
- Involved in all new product development from design to getting to the marketplace.
- Manage all outside vendor's quality and processes to meet our specifications.
- Find new outside vendors including on/ off shore vendors.
- Recently moved complete manufacturing facility which involved redesigning all production lines, and managing complete move
- Understanding of refrigerant and HVAC and boiler systems

### **General Manager- Manufacturing**

Starboard Enterprises Ltd - Exton, PA - 1997 to 1999

New startup of manufacturing, build new production plant which involved working with outside contractors.

- Was involved in purchasing all equipment, Approx. 2 million dollars in capital equipment which included CNC Vertical machining centers, Robotic welders, Presses and auxiliary equipment.
- Did all programming on and off line for 3 different CNC Machining centers and Robotic Welders.
- Developed company policy manual, hired employees to run 2 shift operation
- Was instrumentally in working towards ISO-9001 compliance and developing procedures and written manual.

### **Plant Superintendent**

Le-Jo Enterprises - Malvern, PA - 1990 to 1997

Developed time study system for each department to track production numbers to help trouble shoot, diagnose problem areas and costing of products.

- Established and managed manufacturing engineering department
- Created and maintained written training program which included safety policy, quality standards and operating manual for each department in preparation for ISO-9002 certification.
- Managed new products and private label contracts to market, including initial quoting, manufacturing process, designing of production lines and buying all equipment or tooling necessary.
- Assisted and traveled to Israel to start a new plant making industrial razor blades.
- Managed a work force of 150 employees on three shifts which included five floor supervisors, maintenance, machine shop and quality control supervisors.
- Made vast improvements in workers compensation claims which cut insurance costs by 40%.

### **Machine shop, Tool and Die Supervisor**

Le-Jo Enterprises - Malvern, PA - 1989 to 1990

Established and nurtured a preventive maintenance program which included maintenance logs and training of employees.

- Managed set-up of new production lines, tooling and debugged lines before handing over to production.
- Implemented a work release program with local Vo-tech high schools which included an apprenticeship program with the state of Pa.
- Developed and managed a tool room to keep accurate inventory of spare parts and supplies.
- Started a tooling control program, which included Q.C. of tooling, raw materials that was made in house and outside vendors including vendor history records.

### **Machine Shop Supervisor**

Tri-State Tubular Rivet Co - Malvern, PA - 1987 to 1989

Engineering and designing of tooling to make customer orders.

- Developed effective inventory controls of machine tooling, parts, prints, and purchase orders.
- Writing of machine shop budget.
- Started rebuilding of production machinery in house instead of out sourcing.

### **Class A Tool and Die Machinist**

Amcom Div. Of Action Manufacturing - Atglen, PA - 1984 to 1987

Experienced with working with government inspectors and military specifications.

- Familiar with working from government contracts, blue prints, designing, building tooling and tooling fixtures to produce government first articles.
- I had security clearance to work on any government contract at this facility.

### **Machine Shop Foreman**

Tri-State Tubular Rivet Co - Malvern, PA - 1980 to 1984

Supervised machine shop and maintenance on third shift for production plant with 41 high speed production machines.

P K Electronics - Frazer, PA - 1977 to 1982

Performed repairs on Audio, CB's, PA's, and Intercom equipment.

- Had factory warranty station for Panasonic, Technic, Channel Masters and Nutone Products.

## **EDUCATION**

### **Management Skills for Supervisors**

Penn State University, Great Valley - Valley, Pa, US  
1992

### **teaching**

New Castle County Technical School  
1986

Central Chester Vo-Tech School - Coatesville, PA  
1982

### **Electronics**

R.E.T.S. Electronic School - Upper Darby, PA  
1979

**Diploma in Business**  
Great Valley - Malvern, PA  
1977