

Evelyn Alfago

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Professional Summary

Master of Science in Engineering Management, Bachelor of Science Degree in Industrial Engineering, Bachelor of Arts Degree in Business Administration: Professionally formed in South America with 7+ years of experience in Business Administration, Risk Analysis, Root Cause Corrective Action, Quality Management Systems, Team Coordinator and Leader, Logistics and Customer Service.

Specific Qualifications

- Master of Science in Engineering Management, Bachelor of Science in Industrial Engineering: Specializing in leading public or private organizations, directing, planning, and managing their human resources; and managing its material, financial, commercial, and operational resources under the approaches of continuous improvement, sustainable development, and social responsibility in the current knowledge society. The professional's competencies include analyzing and evaluating investment and development projects in a globalized economic environment. In addition to articulating aspects of sustainability, innovation processes, strategic management tools, and entrepreneurship initiatives in companies or organizations.
- 4+ years of related Space Components and Quality experience
- Experience in utilizing various measuring devices, such as caliper, micrometer, comparator, gages, pin gages, and other inspection tools
- Understanding of GD&T with the ability to read and comprehend detail control plans, work instructions, drawings, Bill of Materials, Specifications and related criteria
- Experience with electronics workmanship standards such as IPC-A-610 and IPC-A-620 and other related specifications
- Experience soldering to J-STD-001 standards, NASA STD8739.4 Standards and, NASA STD8739.1 Standards
- US Citizenship

Willing to relocate to: Longmont, CO - Berthoud, CO - Loveland, CO

Authorized to work in the US for any employer

Work Experience

Quality Control Inspector

Northrop Grumman-Goleta, CA

January 2024 to Present

- Assures that spacecraft components' required inspections (form, fit, and function) meet the client's standards and expectations.
- Handles the decision-making responsibilities with objectivity and clear communication regarding the acceptance or rejection of work and tests performed.
- Inspects and performs tests on mechanical, electrical, or structural components and assemblies related to spacecraft components and sub-assemblies.
- Inspects visually in-process and completed products following Northrop Grumman's Standards and Procedures for operations, setups, and prescribed specifications.
- Assesses the general work in progress preventing small deviations from compromising higher assemblies. Works closely and in constant communication with the Quality Engineers preventing potential discrepancies. Assists in assessing root cause corrective actions when discrepancies arise.

- Accepts, rejects, or reworks defective or malfunctioning units or systems.
- Collaborates with engineering and manufacturing functions to ensure quality standards are in place.
- Assists in initializing complex non-conformances and complex Material Review dispositions and follows them up with the Quality Engineers until completion,
- Works from drawings, diagrams, customer specifications, and inspection instructions.
- Proficient using various measuring devices: caliper, micrometer, comparator, and pin gages.
- Follows up with ISO 9001, SAE, and AS9100 in addition to NG Standards and Procedures, Standards.

Quality Assurance Analyst

M3 Precision-Goleta, CA

August 2022 to Present

- Inspect and test In Process products to customer's Blue prints, ISO 9001 and ASME Y.14.5 specifications. Main instrument of use are Microscope, Micrometer, Calipers, Certified gages, Keyence, Mitutoyo.
- GD&T knowledge and understanding.
- Material specifications analysis, evaluation and compliance.
- Read and Analyze Blue prints and translate them to written form for documentations processes to ISO specifications.
- Communicate internally or with customer if a Blue Print is to be modified to meet manufacturing process.
- Proper maintenance and calibration of measurement Instruments.
- Oversee production staff in day-to-day activities, planning, prioritizing and addressing production problems (non comforting materials, tool wear of machines)
- Ongoing communication with Management, Shipping and Production regarding schedule planning, priorities, and foreseeing potential problems during production.
- Responsible for First Article Inspection Reports and Last Article Inspection Reports per ISO 9001 and ASME Y.14.5 requirements.
- Active Participant in customer audits and ISO audits; active collaborator in pre-audit responses to problem solving.
- Responsible for recording and maintaining documentation of all FA, LA and IP files.
- Responsible for the evaluation, management and recording of all Non Comforting Materials.
- Daily Reports of: In Process overall performance, Problems found and how they were resolved or addressed.

Certified Personal Trainer

Gold's Gym-Santa Barbara, CA

2015 to Present

1. Sales
2. Personal Trainer
3. Group Exercise Leadership
4. Customer Service
5. Quality Improvement

Administrative Office Coordinator / Officer Assistant

Santa Barbara County Sheriff's Office / Santa Barbara Harbor Patrol-Santa Barbara, CA

April 2018 to November 2021

1. Apply Law Enforcement principles and practices on records management. Filing, updating and maintaining criminal records.
2. Apply policies and procedures associated with the preparation, utilization, distribution, retention, retrieval and release of police reports and arrest records.
3. Utilize computer operating systems and software related to processing and maintaining records;
4. Utilization of radio communication systems.

Quality Assurance Supervisor

CIPS Marketing Group-Los Angeles, CA

December 2009 to October 2017

1. Quality Assurance Supervisor of Santa Barbara County and Ventura County News Paper product delivery to homes and businesses.
2. Team coordinator and leader
3. Daily report and weekly statistics
4. Week planning: production, field study, delivery, quality
5. Strategic collaborator on Medium and Long term planning
6. Ongoing communication with operator for reroute, rework, reassess, and problem solve,.

Undergraduate Researcher

University of California, Santa Barbara-Santa Barbara, CA

June 2009 to December 2013

1. Cosmology Laboratory Undergraduate Researcher at the Department of Physics.
2. Designing and testing of assembly parts for Deep Space Radio Telescopes
3. Production (CNC-basic) of parts for Radio Telescopes
4. Assembling of parts for Radio Telescopes
5. Testing data (fine element analysis and radio data analysis of deep space information.)
6. Collaborator in Public Education Programs along with The Santa Barbara Museum of Natural History (Re-Designing, Re-Building and Re-Opening Space Programs to educate public about The Cosmos-this included Public Lectures)
7. Collaborator in the Plank Project
8. Technical and Scientific Professional Translator (from English to Spanish)

Business Analyst

Salud S.A.-Guayaquil, Provincia del Guayas

2004 to 2006

1. Business Coordinator
2. Portfolio Management
3. Risk Analysis
4. Financial Analysis
5. Statistical Reports
6. Sales Team Coordinator

Risk Analyst

Citibank (Citi)-Guayaquil, Provincia del Guayas

1998 to 2001

1. Risk Analyst
2. Market Analyst
3. Portfolio Management
4. Corporate Banking
5. Asset Based Business

Education

Engineering Management (Master of Science)

Penn State-Remote
May 2025 to Present

Honor Society: SCLA

Physics (Associate's degree)

Santa Barbara City College-Santa Barbara, CA
January 2008 to June 2012

Commercial Engineering and Business Management (Undergraduate Degree)

Universidad Santa Maria De Chile-Guayaquil, Provincia del Guayas
April 1997 to March 2002

Upper secondary education

Skills

- Calipers
- ISO 9001
- Micrometer
- Microscopy
- Laboratory Experience
- Quality Inspection
- CNC
- Quality Management
- Internal Audits
- Blueprint Reading
- Quality Assurance
- Manufacturing
- Calibration
- SolidWorks
- Bilingual (Spanish)
- GD&T
- IPC 610
- Attention to detail
- Defect detection (quality control)
- Quality cause-and-effect diagrams
- Quality check sheets