

Adrian Muja

Lead Inspector in a fast prototype - Metro Machine

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To obtain rewarding employment with primary focus on Excellence and Process Improvement leadership. To be part of a forward thinking organization intent on growth and success.

Work Experience

Lead Inspector in a fast prototype

Metro Machine

August 2013 to Present

high precision machined products environment using a Zeiss Accura DCC CMM with Calypso software as well as surface plate setups, measuring equipment both digital and analog.

Quality Manager/Consultant

Precise Cast

September 2011 to August 2013

instrumental in developing a suitable quality system for processing rapid prototype casting. Purchased 3D laser scanner CMM to assist in measurement of complex castings and subsequent machining.

Quality Manager and AS 9100 Administrator

October 2005 to September 2011

Planned and lead the transition from ISO 9000 to AS9100 B and later to AS9100 C. Developed all procedures and documentation necessary as well as the training and implementation. Managed a team of 3 inspectors, purchased capital equipment and became proficient in utilizing B&S DCC CMM with PCDIMS. Was recognized by Woodward Governor/Ft. Collins for excellence in processing over 500 PPAP submissions.

Material Review Board Coordinator

Stanley Aviation

May 2001 to August 2005

for Boeing C-17, Gulfstream and Gamah Coupling and JSF company divisions. Handled all deficient material returned from customers or found by receiving, in process or final inspections and determined status or disposition and coordinated with engineering or manufacturing for repair within the guidelines of MIL-STD's or specific customer process specifications. Devised metrics and reported on the status and progress of plant wide manufacturing failures.

Managed and expanded "in place" Access database for tracking material progress and reporting of trends for manufacturing process improvement and cost analysis.

Developed software tools for Approved Vendor status management and AS 9102 First Article management.

Was recognized by Lockheed Martin Space Systems (LMSS) and US Navy for dedicated performance of duties and support for Fleet Ballistic Missiles Program.

Quality Manager

OMNI-X, Inc

January 1999 to May 2001

position and assured compliance to international quality standards. As a member of the management team it was my duty to report on performance deficiency and the plans to address improvement. Developed and improved manufacturing processes by conducting rigorous design of experiments and collating process records. Designed several Microsoft Access databases for tracking calibration records, machine maintenance records, discrepancy and corrective action records and vendor evaluation / performance audits. Responsible for the investigation, evaluation, and resolution and or correction for all customer rejects and mechanical field failures.

As department manager I was responsible for supervision, training, evaluation and resource management for several inspectors.

Quality Manager

Genesee Wester

September 1998 to December 1999

to maintain a sophisticated Quality System that included a large array of work history and work in progress files. My functions included the upgrade of all the Quality Assurance work files to a fully digitized database, assuring that all "in process" target parameters are correct. Active participant in training of work force in interpreting engineering drawings and the use of measurement instruments. Responsible for the monthly Cost of Quality data and the maintenance of a scrap rate below 1%. My duties included interface with customers, customer service, engineering and sales;

development of a Business Plan and budget for my department and integration into the company Business Plan; development of quality metrics for evaluating production performance, vendor monitoring and performance, and the performance of my department.

Active participant in the development and implementation of Flat Lay-out first article inspection of sheet metal/fabrication work. Developed method for testing PEM installation (push-out/torque out).

Quality Manager

Paragon Manufacturing

September 1997 to June 1998

to bring Paragon Manufacturing to current international quality standards. Developed the necessary manuals, procedures and work instructions necessary to provide documentation for workflow and integration into ISO 9000 guidelines.

In five months Paragon Manufacturing passed during the first audit and was registered under ISO 9002-94 well within allocated time and under proposed budget.

OMNI-X, Inc

May 1997 to May 1997

May 97. As an independent consultant conducted pre-surveillance audit for ISO 9001 and assured certification. Personally involved in the audit process as well as the training of a successor.

Accepted the Quality Control Manager

OMNI-X, Inc

January 1996 to March 1997

position for the challenge of developing a quality system suitable for a manufacturing environment under the guidelines of ISO 9000. Within seven months, by integrating existing practices, OMNI-X was the first

in the Tube Bending Industry to obtain international recognition through Orion Registrar and become ISO 9001 registered.

As part of the improvement of quality and production efficiency, I installed a 14-workstation Novell local area network of which I was system administrator. In the process of solving heat-treating difficulties, thorough process procedures were developed with my input and participation.

Daily responsibilities include the use of a Brown & Sharpe Coordinate Measuring Machine for final inspection, maintaining and upgrading general procedures, maintaining instrument calibration and seeing to the quality of tools and machines manufactured as well as vendor survey, internal audits and issuing management review reports.

Negotiated and obtained from Allied-Telesyn the opportunity to perform beta-testing for the first commercial, fiber optic network interface card using new 100 megabyte/second fiber optic technology.

Quality Control Manager

Ragsdale Industries, Inc

April 1989 to December 1995

to develop, implement and maintain a standardized level of quality required for close tolerance work in both commercial and aerospace contracts. Obtained and maintained certification with customers such as Martin-Marietta, Sundstrand, Coors Container, Cobe Laboratories, etc. My personal interest and background in PCs allowed me to use available software to track jobs running in the shop. I developed a database that considered cost, delivery and customer information to determine quality trends. Due to extensive administrative use, this database has become an indispensable vehicle for production planning and control. I obtained ASQC certification as Quality Control Technician and further developed my knowledge in Statistic Process Control and Management. Due to daily use I have become very proficient in the use of Numerex Coordinate Measuring Machine.

Quality Control Manager

Frost Engineering and Development Co

March 1988 to April 1989

where one of the main requirements was the administration of Quality Control aspects of contracts with Air Force and Boeing Aviation. This included close work with Defense Contract Administration and Federal Aviation Administration. The proprietary design of hardware manufactured, including individual emergency descent devices and F16 Fighter Pilot canopy quick release, required function and performance under load testing. This type of testing was performed with advice and guidance from a design engineer or within the guidelines of military specifications, sometimes witnessed by DCAS and under my supervision. A notable improvement I introduced was the use of standardization methods for product uniformity. I became a member of ASQC and obtained certification as Mechanical Inspector.

Education

Associate in Science (AS) in Industrial Chemical Engineering

Tech Chemical School - Romania

September 1974 to August 1976

Skills

- Internal Audits (10+ years)

- Calibration (10+ years)
- Coordinate Measuring Machine (10+ years)
- Database Design
- Digitization, 3D scan and digital drawing match/comparison and tolerance and report (6 years)
- PPAP (Pre Production Approval Process, Martin-Maritta aerospace componentsa (6 years)
- Process Improvement (10+ years)
- ISO 9001 (10+ years)
- Quality Management
- Calipers
- Lean Manufacturing
- Quality Assurance

Languages

- Romanian - Fluent

Awards

LEAD INSPETOR

June 2008

MEASUREMENT INSTRUMENTS CALIBRATION
BOEING DELEGATED SOURCE INSPECTOR

Balistic submarine fleet D5 components

September 2014

material certification
weld certification
dimensions verification

Certifications and Licenses

Mechanical Inspector

March 2004 to Present

HAND TOOLS, CALIPER (DIGITAL AND MANUAL)
SURFACE PLATE SETUP

Groups

Quality Management Organization

November 2010 to Present

resource