**JUAN M. TORRES**

**(818) 217 7060**

**Reseda, CA 91335**

[**jtorres8434@yahoo.com**](mailto:jtorres8434@yahoo.com)

**MBA Project Management 2010**

American Intercontinental University

**A.S. Manufacturing Engineering 2000**

UCLA Westwood CA

**BS Mechanical Engineering 1987**

National Polytechnic

Assembly, CNC, and Manual Machines, Lathes, Mills, Saw cut Grinding, Honey, Heat treat, Platting CAD, Chrome Anodizing, NDT, Tread Rolling, exotic Metals Income, Titanium, Aluminum, Stainless Steel, Composites. Etc

* **Certified Quality Engineer,**  ASQ
* **Lean Manufacturing trained,** UCLA
* **Internal External Auditor**
* **Six Sigma Green Belt,** Villanova University
* **Geometric Dimension and Tolerance GDT**
* **Assembly, CNC, and Manual Machines, Lathes, Mills, Saw cut Grinding, Honey, OP Heat treat, Platting CAD, Chrome Anodizing, NDT, Tread Rolling,**
* **Exotic Metals Income, Titanium, Aluminum, Stainless Steel, Composites. Etc**

**PROFESSIONAL EXPERIENCE**

**BOEING,**  07/18 to 12/18

*Aerospace Manufacturing Wichita KS*

**Supplier Quality Rep / Quality Engineer**

* Performed Supplier audits to improve process and assure conformance with FAA requirements, government regulations and various customer requirements. Develops and recommends inspection techniques.
* Performed Assigned Root Cause Corrective Action (RCCA) to closure and follow up, Internal and external performance. Corrective Action review.
* Performed failure investigations reports. Recommended plan and lead assigned MCA for continuous improvement, Metrics, CAR. SCR, MRB, AS9102 FAI reviewed, Contract Review, Suppliers performance reviews..

**TRIUMPH AEROSPACE STRUCTURES,**  05/15 to 06/18

*Aerospace Manufacturing Grandview MO*

**Manufacturing / Quality Engineer**

* Executed the quality assurance strategy to ensure product flow is consistent with established industry standards, government regulations and various customer requirements. Develops and recommends inspection techniques.
* Performed Assigned Root Cause Corrective Action (RCCA) to closure and follow up, Internal and external performance. Acted as Corrective Action Board Focal on review board meeting for approval.
* Performed failure investigations reports. Recommended plan and lead assigned CA and PA for continuous improvement, Metrics, CAR. SCR, MRB, AS9102 FAI reviewed, Contract Review, Suppliers performance reviews, score cards, processes metrics, AS9100 rev C.
* Supported assembly and fabrication cells, test procedures and performance of subassemblies.
* Supported design and process changes for current product and provide input and approval of qualification reports. Machining, tools, fixtures CNC, NPI development.
* Utilized operating system, Six Sigma, Lean Manufacturing to identify best practices and drive continuous improvement Maintain Scorecards monthly update to report internal and supplier performance and recommend CAR’s.
* Performed Audit and assessed supplier Quality Management Systems. Perform supplier process audits.
* Participating in Design Reviews, with the new product design and development Engineering group, reviewing and approving qualifications test plans for assigned products.
* Submitted root cause analysis to customer for approval competition and follow up of customer CA request.

**ZODIAC AEROSPACE,**  02/14 to 5/15

*Aerospace Manufacturing, Santa Maria CA*

**Supplier Quality Engineer**

* Developed, established, and maintained quality engineering methodologies, systems and practices in accordance with AS9100C, and ISO 9000 to support the production and development of manufactured products. Support continuous improvement.
* Investigated, documented and reported on manage resolutions and implemented preventive measures to address quality issues Root Cause Corrective Action (RCCA) to closure and follow up
* Corrective Action Board Focal on review board meeting for Root Cause and CA approval
* Achieved quality assurance operational objectives by contributing information and analysis to strategic plans and reviews; preparing and completing action plans; implementing production, productivity, quality, and customer-service standards; identifying and resolving problems; completing audits; determining system improvements.
* Participated in process changes for current product and provide input and approval of qualification for the NPI
* Performed continuous improvement, Maintain scorecards monthly update to report internal and supplier performance and recommend CAR’s.
* Performed Audit and assessed supplier Quality Management Systems. Perform supplier process audits.
* Review and Approved work instructions according with design, customer requirements and specifications.
* Reviewed and follow up of all nonconformance for disposition.

**G E AVIATION,**  4/13 to 02/14

*Landing Gear Manufacturing, Yakima WA*

**Sr. Manufacturing / MRB Engineer**

* Developed key process measures to determine effectiveness and areas for improvement of MRB disposition process, to improve production, and business flow.
* Established the steps necessary to ensure that a product (NPI) satisfies the customer. implementation through production, to determine customer satisfaction and continuous improvement. DFMEA, PFMEA.
* Improved development and sourcing of new material to support customer requirements. Participated with business leader to enhance quality outputs, and safety to prevent waste of time, SCAR’s,
* Expertise in manufacturing, assemblies processes, machining and tools, fixtures CNC machining, manage multiple projects. Working with suppliers with 8D CAPA and continuous improvement, review FAI per AS9102, IQC, Deviation request (SDR), Surveys, Scorecards, and Supplier Performance Rating.
* Utilize enablers company’s operating system, Six Sigma, Lean to identify best practices and drive continuous improvement.
* Performed Assigned Root Cause Corrective Action (RCCA) to closure and follow up, Internal and external performance. Acted as Corrective Action Board Focal on review board meeting for approval
* Implement tooling inspection to speed receiving inspection and improve supplier quality performance.
* Updated procedures, documentation as needed to comply with audit requirements and participate on FAA audits and AS9100 Rev. C audits, ISO 9000.
* Maintain Scorecards monthly update to report internal and supplier performance and recommend CAR’s.
* Audit and assess supplier Quality Management Systems. Perform supplier process audits MRP, .
* Supply chain quality performance, quality metrics to measure and maintain performance
* Participating in Design Reviews, with the new product design and development Engineering group, reviewing and approving qualifications test plans for assigned products.

**SKILLS INC. AEROSPACE MANUFACTURING,**  12/12 4/13

*Aerospace Manufacturing, Auburn WA*

**Sr. Manufacturing Engineer**

* Develop key process measures to determine effectiveness and areas for improvement use of metrics analysis. Metrics, CAR’s, SCR, PA , Drive non-conformances MRB, AS9102 FAI reviewed, Business Review,
* Expertise in manufacturing, assemblies processes, machining and tools, fixtures CNC machining, manage multiple projects. NPI development, DFMEA, PFMEA.
* Utilize enablers company’s operating system, Six Sigma, Lean to identify best practices and drive continuous improvement
* Implement tooling inspection to speed receiving inspection and improve supplier quality performance.
* Updated procedures, documentation as needed to comply with audit requirements and participate on FAA audits and AS9100 Rev. C audits.
* Performed Assigned Root Cause Corrective Action (RCCA) to closure and follow up, Internal and external performance. Acted as Corrective Action Board Focal on review board meeting for approval
* Maintain Scorecards monthly update to report internal and supplier performance and recommend CAR’s.
* Audit and assess supplier Quality Management Systems. Perform supplier process audits FMEA, SPC.
* Supply chain quality performance, quality metrics to measure and maintain performance
* Participating in Design Reviews, with the new product design and development Engineering group, reviewing and approving qualifications test plans for assigned products.

**B/E AEROSPACE FSI INTERIOR MANUFACTURING,** Marysville WA 04/10 5/12

*Aerospace Interiors Structures Manufacturing, Marysville WA*

**Supplier Quality Engineer**

* Directed supervised all operations to produce high quality parts at the lowest possible cost, waste reduction, and on time delivery. Implemented strategies for continuous improvement on assembly, procurement, test, machine shop, suppliers, receiving insp. and floor operations performance reviews, and goal setting MRB meetings, ISO 9001:2000, AS9100, FAI review per AS9102, CAPA, SCAR’s, 8D, Supplier Rating, NPI, Lead MRB, and Quality Reviews.
* Review product process and associated build documentation to validate product conformity and make recommendations as well as execute changes to improve product quality, yields and reduce escapes, suppliers and in process, PPM, 8D CAPA Root Cause Analysis and approval, customer CAR’s, surveys, scorecards.
* Perform review of contractual documents and customers requirements to assure compliance with customer, regulatory and authorizing documents.
* Utilize process improvement tools techniques, coordinate with internal and external customers, suppliers and functional teams to resolve quality issues and lead root cause/cause chain determinations as well as development of corrective action to prevent recurrence. Reports daily. Serve on Customer Satisfaction Board as required.
* Ensure Quality System is understood and executed by associates with influence in product regulatory or process quality.
* Provide support to the site quality team to assure quality and Operational goals and objectives are met
* Identify and execute projects to standardize and lean/simplify quality systems processes and procedures.
* Develop key process measures to determine effectiveness and areas for improvement.
* Utilize enablers company’s operating system, Six Sigma, Lean to identify best practices and drive continuous improvement
* Implement tooling inspection to speed receiving inspection and improve supplier quality performance.
* Updated procedures ,documentation to conform audit requirements and participate on FAA audits and AS9100 Rev. C audits
* Maintain Scorecards monthly update to report internal and suppliers performance and recommend CAR’s

**VALLEY-TODECO INC. BEARING MANUFACTURING,** Sylmar CA 4/04 4/10

*Aerospace Bearing Manufacturing, Machining, Rod End, Links, for landing Gear. Sylmar CA*

**Manufacturing Engineer**

* Expertise in manufacturing, assemblies processes, machining and tools, fixtures CNC machining, manage multiple projects.
* Contract review, customer quality requirements, and source conformance Audits, SPC, Calibration, performance reviews, and goal setting MRB meetings, ISO 9000:2000, AS9100C, FAA regulations and standards. Quality metrics. CAPA approval Root Cause and Follow up to closure.
* Audit and assess supplier Quality Management Systems. Perform supplier process audits FMEA, SPC.
* Supply chain quality performance, quality metrics to measure and maintain performance
* Participating in Design Reviews, with the new product design and development Engineering group, reviewing and approving qualifications test plans for assigned products.
* Write Work Instructions Development step by step process to problem solving and corrective action and actual cause solution, verification and prevention of recurrence.
* Interacting with customers in order to suggest possible solutions to their request. Problem solving and team player. Write technical reports
* Provide support to manufacturing and purchasing ensuring quality and reliability requirements, continuously improvement.
* Saved company $800,000 byapplying lean manufacturing techniques analyzing quality plan and reduced machine operations to a 30% average increasing efficiency, cost, and lead time.

**REGENT AEROSPACE,** Valencia CA 06/00 to 04/04

*Aircraft Seats and Interiors Manufacturer, Valencia CA*

## Quality Engineer

* Conducting analysis of components, sub assemblies, end items, and tooling to enhance product quality, Determinate effective testing techniques, testing equipment, and procedures for assuring conformance to engineering, FAA part 21, 145 repairs, and marketing specifications, on mechanisms, cylinders, rods, valves, and pumps. CAPA Root Cause Analysis and follow up to closure.
* Determines defect prevention methods for all internal production operations to enhance quality. Select and qualify materials and components, test completed machines and prepare all documentation. Defect prevention. Recommendations for the implementation of revisions for solving. Supplier Quality issues corrective and preventive actions metrics.
* Corresponds directly with customers to assure they are supplied with required data and technical information. Consultation from design engineers as required in development, and implementation of methods.
* Optimized material and material stock a cost savings of $300,000 on material handling per year reducing stock. Standardized processes to reduce defective items and planning cost as well as turn-around time and on-time delivery issues.

**ASCO GENERAL CONTROLS,** Valencia CA 2/94 6/00

*Aerospace Valves, Control Units, Manufacturing, Valencia CA*

## Mechanical Engineer

* Support of machining supply operations at all process locations to resolve shop floor quality issues, performance reviews, qualification programs and suppliers process monitoring
* Reviewing and Audit supplier quality Management Systems, measure quality, and maintain quality chain performance
* Lead supplier problem solving corrective actions efforts, verification and prevention of recurrence.
* Support manufacturing and raw material to receive quality and reliable parts that meet requirements by continuously improve process
* Interacting with suppliers in order to suggest possible design solutions to their request. Problem solving and team player
* Reduced customer returns, a cost savings of $500,000 per year in replacements, repairs and guaranties. Reduced material waste by developing a combination of operations to produce different part numbers with similar operations saving machining time and unnecessary set-up.

**SKF BEARINGS,** Mexico City

*Aerospace, Industrial and Automotive Bearing manufacturing and maintenance facility 11/89 2/94*

**Mechanical Engineer**

* Support customers bearing and maintenance requirements, training engineering and technician personnel to maintain bearings industrial and automotive bearings in good working conditions to improve efficiency.
* Lead training seminars to introduce customers to maintenance programs monitoring bearings function, replacement time and selection of new product
* Recommend replacement according with load and environment conditions and measurement instruments to optimize bearings function and efficiency.
* Support customers on installation set up and alignment techniques to prevent damage and increase life of product
* Installation and training of high performance product, equipment maintenance, reduce friction, and improve performance.