**Ruben Vielmas**

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**Position Applying For:** **Submitted Date: Submitted By:**

**Salary Requirement: Contact:**

**Work Experience**

***PCC Aerostructures (ADI)***  **2019-Current**

***Quality Assurance Engineer***

* Responsible for obtaining customer approval (Spirit, Boeing, Lockheed Martin and Airbus) in areas of inspection and testing of quality preparing work instructions and preparing purchase orders successfully in-sourced product parts.
* Experienced in developing quality assurance policies and procedures compliant with AS9100 and NADCAP policy.
* Lead root-cause investigations and corrective action which yield company savings $35,000-$2000,000 monthly material recovery from customer-related failures applying Continuous Improvements (Kaizen, Leans, 5Why, PDCA).
* Proficient in AS9102 standards “First Article” procedure over 70 FAI processed (Inspection expert, Net-Inspect).
* Worked with stakeholders to develop and implement project strategies which focused on improving quality cost through supporting numerous product launches while integrating reliability issues and manufacturing rework.
* Provided leadership and work instructions to shop floor machinists, in identifying risk, and resolving 30% issues.

***Senior Aerospace SSP* 2018-2019**

***Manufacturing Engineer***

* Implement lean manufacturing tools which improved production time by 30% on Airbus A320 floor assembly.
* Project Manager of all 3D printed tooling design using Solid works, AutoCAD and developing inventory system that reduced tooling and fixture backlog of machining by 4 weeks using 3D printing technology.
* Material Review Board (MRB) disposition non-conforming parts by inspection procedures saved $25,000-$130,000.
* Application of AWS standards for TIG, MIG, Seam welding procedures and quality verification.
* Collaborated with production staff and other functional departments to improve project deadlines by 20%.
* Trained operators on lean tools like process mapping, VSM, and A3 reports improving inspection cycles 15%.