

CHRISTOPHER J. GERDES

cgerdes714@gmail.com

(951) 733-1363

Experience

** 17 years Inspection experience in Aerospace.*

QC Inspector, 03-2018 to Present

Hoosier Mfg., Corona CA

= Customers: Turner – Newport – SpaceX – Raytheon =

- Completing first article, in process, & final inspections for medical & aerospace parts. Reviewing CMM reports to be submitted for first article & AQL's, checking parts to customer prints & models & finally completing and reviewing AQL reports to be submitted to source inspectors. Using Vantage 8.03 for project process. Inspection equipment used is Mic's, Calipers & height gages for surface table inspections, also using Mitutoyo PH-A14 comparator, Romer Arm, Micro Vu video measuring system, B&S Global CMM, Keyence & an OGP Smartscope.

QC Inspector, 06-2017 to 02-2018

MD Engineering, Corona CA

= Customers: <http://www.mdengineeringonline.com/> =

- Completing first article, in process, & final inspection's. Reviewing reports to be submitted to Honeywell & SpaceX source inspectors. Checking parts to print, following company & customer's quality procedures.

QA Engineer, 02-2016 to 02-2017

Thermal Structures, Corona CA

= Customers: <http://www.thermalstructures.com/> =

Submitting AS9100 packages to customers QA dept. & completing shippers for various customer accounts, reviewing PO's, certifications, & all other documents.

In charge of RMA's (Returned part's), weekly meetings with PRB team to discuss RMA's disposition's regarding our own return criteria & customer's specification's. Learning the basics of Additive Manufacturing.

QC / CMM Operator, 04-2008 to 10-2015

Fortune Mfg., Chino CA

= Customers: Northrop – Boeing – Raytheon - ATK- Airbus =

- Set up & operate a Brown & Sharpe Global, Gantry CMM machine w/ PC-DMIS 2010 MR3, with a DEA TU04 controller. Performing FAI's, in process & final inspections. Use Net-Inspect for AS9100

QC / CMM Operator, 02-2007 to 02-2008

HYPE Manufac., Corona CA

- FAI's, in process, & final inspection of parts ran on CNC mills, lathes, water jet, & punch press. Using basic inspection tools, a Mitutoyo PH-3500 comparator & Faro arm. Stamp identification for parts also.

QC / CMM Operator, 01-2006 to 01-2007

Quality Inspection, Corona CA

= Customers: <http://qualityinspection.com/> =

- Learning GD&T fundamentals & basic CMM inspection. Operating: Mitutoyo B504B CMM w/ Geopac & Helmel CMM using Geomet 301 V6.0

CNC Machinist, 01-2005 to 01-2006

Webb Stotler Eng., Corona CA

Set up & operate CNC mills: Fadal's & a Gantry, cutting extrusions for the fuselage areas.

CNC Machinist, 09-2004 to 12-2005

Garbiso Machine, Chino CA

= Customers: Honeywell & Boeing =

Set up & operate CNC mills: Fadal & some lathe work.

Check parts to print, using mylar prints to layout's, debur & clean, marking/ID parts

Education

Raytheon - IDS, Foreign Object Elimination

Degree date: November 2011

- The study of SQP 4.13.8 / FOD specification NAS 412
Early detection & elimination of hazards caused by foreign object debris & contamination.

Boeing AQS - AQS, ISO-9000

Degree date: April 2009

- Product & process improvement system.
Design, production, testing & process research.
Continuous, permanent quality improvement tools.

N.T.M.A, Ontario CA. - Blueprint Reading, GD&T Tolerancing

Degree date: March 10th, 2008

- Studying geometric dimensioning & tolerancing in a 4-week course
Hands on training included in the shop with CMM's & comparators.

MTI, Colton CA. - Mechanical Drafting

Degree date: September 21st, 2001

- Learning computer aided Electro-Mechanical drafting.

Rands Systems Inc, San Bernardino CA. - Manufacturing Technology Training

Degree date: February 17th, 1999

- Learn the basics of CNC controls for mills & lathes
- Blueprint reading & machinist math.

Skills

* **Document & record data, test results & non conformances found during inspection.**

* **Visually inspect for surface irregularities, defects etc.**

* **Verify product certifications for acceptance of incoming materials & components.**

* **Support manufacturing operations to ensure industry standards & compliance guidelines.**

* **Computer proficiency in Microsoft Word, Excel & Outlook with ability to use Vantage software.**

* **Quality system regulations ANSI Y14.5 - 1994/2009, ISO 13845, FDS 21CFR 820, AS9102, AS9100.**

CMM - PC DMIS - IGES, STEP & Catia - Discus-Vantage 8.03 - In Process Inspection - Blueprints - Surface Plate Inspection - Mylar-Microscope - LEAN Manuf. - Corrective Actions - NDT Audits - Statistics - Tool Calibration Model Based Definition – XYZ IJK Vector Data - Calipers - Micrometers - Surface Roughness Tester – F.O.D. BAC Specs – P9112 Q190 – PH-A14 – SPI QTA002 – Renishaw Products - Geometric Dimensioning & Tolerance