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Objective: To continue my Career with a stable, successful Company and further my Education and experience, Provide my Experience and Knowledge in Orbital Welding Practices and Procedures.

My Skills:

Planning and Organization, Problem solving, Leadership and Coordination, Production, Manufacturing, Self-Motivated Team player, Welding, Weld Training, Sales Management, Project Supervision, Management, AMI Certified Welder, SpaceX Certified Welder, Intel Certified Welder, FireFly Certified Welder, Virgin Galactic Certified Welder, Taiwan semiconductor manufacturing corporation certified welder, PVDF Certified Welder, Industrial Glue certification, Swagelock Certified.

Global Wafers Of America: Nov 2024 to Current- Facilities Plumber perform fabrication of tubing or piping in a number of different applications as follows PVC Gluing, ProPress Copper crimping, Stainless SteelTube welding including compression fitting applications, Carbonsteel threading and welding, Poly Pro Plastic Welding, installing PFA Tubing using ChemLok Flaring tools. The systems installed will be supplied by Fluids or Inert Gasses like Helium, argon potable and non Potable Water, DI Water, Dangerous Chemicals or flammable chemicals like Hydrofluoric Acid or Hydrogen. provided 39 employees Training courses for scissor lift, fall protection, stand up and sit down forklift training, pallet jack and boom lift training. reasonable for all employees that require training in future new hires.

TDIndustries: March 2024 Nov 2024-lead UHP team @ Global Wafers of America, gathered parts and materials, delegated drawings worked with Foreman to coordinate production and meet production goals Provided updates for team progress and delays in projects as well as coordinate and mitigate any impacts to production for spec gas and non-process gas lines in sub fab, Fab, and trunk lines on sub main B and sub main D. Installed and welded and Trained Technicians to lay out weld and fabricate lines as needed.

Gap In employment from august 2023 to March 2024 Due to Ankle surgery

Sierra Space: jan 2023 august 2023-h Night shift Fluids Team Lead- Promoted a healthy working environment for production of dream chaser space planes. Assign technicians and prioritize work before official start of shift based on production schedule and in alignment with the technician skills and abilities, assign personnel training and development to ensure safety and production quality. Reviewed pass-downs, updated leader boards with pertinent information, and worked with my Lead counterparts to tackle any schedule needs or shop improvement projects. Ensured product quality and conformance to specifications. Conduct root cause analysis, and implemented corresponding corrective action

plans. Maintained area metrics, scheduling tools, and consumable supply inventory. Checked work after completion of each operation in job and/or completed job to ensure it is complete per drawing. Coordinated support organization efforts to minimize production interruptions. Conducted a communication briefing at start of shift with technicians. Prepared my team shift for success. helped the team build the welding department to meet quality standards and production rates necessary to meet deadlines.

UA Local union Pipefitter: tool install for semiconductor industries like Intel or TSMC jan 2022- jan 2023
perform Orbital tube welding on 4 inch down to ¼ inch tubing for process piping on main supply tanks that feed the facility Base Build

FireFly Aerospace: Orbital tube welder 2019-2020

Performed orbital tube welding on Alpha Ft 1 Rocket one of 3 tube welders who produced welds for Flight 1 rocket boosters and tanks for 1st and second stage as well as fairing. built tubing assemblies and process plumbing for hydraulic lines tea teb systems rp supply lines to feed the mobile launch stand. trained and guided large number of composite techs on how to bend and install tubing follow engineering blueprints to mach design to meet our launch goals while we were in vanderberg ca

Brycon construction: Orbital tube welder-tool install for fab 42 clean room welding ¾ and ½ Tubing for Chem Lines That feed microchip tooling

QLM/TDIndustries Finisar: Feb 16 2018 to may 2019

Orbital tube weld UHP lead Demo: Helped team demo zones 5 and 6 for upper level and lower levels demo showers. Flag valves for instrument air and locate main supply lines to feed process gasses for install Purify and blow down Spec gas mains: fabricate, weld and help set up purge system to spec gas supply main lines to allow air gas to set tube trailers and purge systems clean and purify system to pass analytical tests performed by QAM

Zone 6: lead UHP team gathered parts and materials, delegated drawings worked with Foreman to coordinate production and meet production goals Provided updates for team progress and delays in projects as well as coordinate and mitigate any impacts to production for all spec gas and non-process gas lines in sub fab, Fab, and trunk lines. Installed and welded lines as needed.

Zone 5: lead UHP team gathered parts and materials, delegated drawings worked with Foreman to coordinate production and meet production goals Provided updates for team progress and delays in projects as well as coordinate and mitigate any impacts to production for spec gas and non-process gas lines in sub fab, Fab, and trunk lines on sub main B and sub main D. Installed and welded lines as needed.

Zone 6 Gas Panel installation: Lead UHP team provided material list, gathered parts and materials, delegated drawings worked with Foreman to coordinate production and meet production goals lead team for gas panel installation. installation of Helium, argon, nitrous oxygen, lens gas and sulfur supply and exhaust lines. Provided updates for team progress and delays in projects as well as coordinate and mitigate any impacts to production. Installed and welded lines as needed.

Creative Pathways: Sept 2016 – Jan, 29 2017 Orbital Tube Welder Welded Metric and standard Size Tubing Produced around 120 Welds per Shift, Helped Fabricate, Test, Repair and ship parts for Tomahawk

Missiles, M1 Abraham also built parts and tube assemblies for Bell, Robinson Helicopter, Honeywell, Nasa, Boing, Northrup and Lockheed martin.

Astro Arc/Polysoude: 2 2015 to august 31 2016: Sales/weld Specialist, Equipment Repair and Equipment Training. Weld development for customers as needed for all types of Material and size. Weld head Service and repair for Astro Arc welding equipment as well as Polysoude Equipment, Equipment testing on incoming and outgoing new, used and customer repaired equipment , equipment training for customers on p6, P4, 164-2 and PC 300 Power Supplies MUIV Models, TS-2000, TS-875,TS-25 TS-34 and Ts-73 Models MW Models Orbital Welding Lathes With Polyturn 60 Rotator, Shipping and Receiving of Equipment and Orders ordering tools and consumables for shop as needed Provide sales and service including cold calling and finding new customers

Virgin Galactic-Orbital Tube/Propulsion Technician: June 16, 2014 to Nov 2, 2015 Propulsion Technician Developed Weld Schedules and Procedures for the Company to properly use the Swagelok M200. Trained Technicians on how to operate Weld Equipment and use the proper procedures to create X-Ray Quality Welds. Helped with Engine build of Newton 2 and 3 as well as bringing up and shutting down Facility to safely test Liquid Rocket Engines.

Creative Pathways: Oct 2014 – July 2014 Orbital Tube Welder Welded Metric Sizes Tube used for Electrical Conduit on 747 and 787 Produced around 162 Welds per Shift helped to Fabricate parts for Tomahawk Missiles Tanks and Helicopters

Space Exploration Technologies: April 2011 – August 2013 Senior Orbital Tube Weld Lead Certified in $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1" 1.5" SS, TI, and Inco ranging from .020 to .083 wall Tubing

Fairing Qualification Vehicle: Installed Valves, Helped Weld Tubing as well as Final Torques on Tubing Valves, Latches and Pusher assembly.

Fairing Flight 6 & 7: Trained team mates on process of build, Team Center operations, Warp drive Operations welding Integration of Valves Pushers and Latches as well as proof and leak procedures ranging up to 8,250 PSI

Inter-stage Flight 6 & 7: Trained team members on process of build, TeamCenter 3D Modeling and Warp drive Operations welding and Integration of Valves and Pushers Also performed Final Install and Final Torque for the Vehicle as well as Proof and Leak Procedures ranging up to 8,250 PSI Inter-stage Qualification Vehicle 1.1v: Created design for Mock up Panel to assemble tubes and locate Valves as well as separation Pressure vessel off of the Vehicle and build main assembly also used as production tooling for multiple builds

F91S-4: Welded Tubing for Truss, Merlin Engine Tube Assembly's and Welded Assemblies for First Stage Raceway on Tank.

F92S-4: Welded Tubing for Second Stage Man way Cover. X-Ray quality Weld's for MVAC Engine Sub Assemblies.

F91S-5: Welded Tubing for Truss Merlin Engine Tube Assemblies. Welded Assemblies for First Stage Raceway on Tank.

F92S-5: Welded Tubing for Second Stage Man Way Cover. X-Ray quality Weld's for MVAC Engine Sub Assemblies. Dragon 3: Welded tubes for TCS, ECS, Hypergolic component panel's an Helium fuel an ox tank's

Dragon 4: Welded tubes for TCS, ECS, Hypergolic component panel's and Helium fuel an ox tank's
SuperDraco: Welded a number of sub assemblies that helped fuel Draco's success.

Grasshopper: Hand bent a number of tubes for the component panel on the grasshopper.

Merlin M1D Engine: Welded a number of sub assemblies for M1D which helped the success on M1D Test Fire. Fit up and welded Dragon Test Module Thruster Branch Assembles as well as provided support for completion of 3 Dragon capsules. I have completed a number of Tube Assembly for Merlin Engines as well as MVaC Engines for 3 flights. I have had a few high output days. My highest Weld count was 24 Welds in a shift no longer than 12 hours which includes clocking of tube assemblies prior to welding. (D-1 and D-3 component panels) passed X-ray on all Weld's performed with no Issues or X-Ray failures. Provided support on fit up and welding for Flight 5 Truss. I provided support and Welded LOX Pre-Press Line for Flight 3 Second Stage Tank. Welded assemblies for MVaC Engine and Accumulated Pneumatics and Regulated Helium assemblies, fit up and welded Tubes as well as provided support for completion on Flight 3 Trunk. Helped co-workers with computer skills as well as helped them get away from having issues by verifying their scribes, fit up and paperwork. I helped them learn the warp drive system, access E-mail and set scheduled reminders through E-mail. I can find and fix any work order problems and find the right department to fix problems with work orders so that we can push forward with work in an efficient amount of time.

Big J Seamless: 2007 to 2010 Journeyman pipefitter orbital welder 3 years' experience working in a clean-room environment. Manuel tube bend in 1/4 to 3/4 Tube 90-degree 45-degree offset rolling 90s kicks and layouts, Welding stainless steel Tube Assemblies for Semiconductors, Fabrication and installation of Tube Assemblies. Isometric drawings and diagrams, Routing and coordination, BluePrint reading for tool install. Manage Helpers and Apprentices as well as train Team in Welding, Tube fit up as well as Clean-Room Protocol and safety Procedures.