

Maintenance Technician

At Astra

Alameda, CA

Please apply at: <https://astra.com/careers/>

The Company

We are Astra. Our mission is to launch a new generation of services to connect and improve life on earth. We are a small, highly ambitious team with deep technical expertise who love to build things and relish the idea of a grand challenge.

We strive to deliver routine access to earth orbit for enterprises launching services powered by small satellites. Building on over a decade of technology development in rocket propulsion, structures, and avionics, we are applying an agile approach to space launch.

Our headquarters in Alameda, between San Francisco and Oakland, is a sprawling campus supporting full cycle rocket production (e.g. design, manufacturing, test) and mission control. **Come thrive at Astra!**

The Team

The Machine Shop Team is a highly skilled group of machinists and fabricators that bring our company's designs to life. The team is responsible for taking raw materials to finished form, while observing dimensional requirements and schedule constraints. The goal is always to produce finished parts that are made with higher quality, lower cost, and made faster than any other shop! This is a fast-moving team, always looking for ways to keep our shop running smooth!

The Opportunity

As the shop **Maintenance Technician**, you are the person that keeps the shop equipment and surrounding facility running in good order. The shop team relies on you to perform preventative maintenance, troubleshoot and diagnose mechanical or electrical issues, schedule service, make repairs, and assist with new installations. You are familiar with the proper operating conditions of industrial and metal cutting equipment, and you are able to identify issues before they develop into machine downtime. Hand tools, power tools, lubricants, part catalogs, and electrical test equipment are like second nature to you, and you have patience and the methodical nature required for the occasional major tear-down or rebuild. Safety is always a first concern, and you are more than able to comply with established shop safety protocol. This role will report directly to the Shop Manager but may require involvement in other department throughout the facility.

How You'll Fulfill Your Mission

- **Monitor** CNC metalcutting and CNC forming equipment for proper operating conditions in order to catch developing issues before they become major problems. This includes worn or failing motor

bearings, frayed belts, intermittent electrical issues, oil delivery system failures, and loss of pressure in fluid and air systems.

- **Upkeep** of CNC machine chip removal and coolant delivery systems, allowing our machinists to stay focused on cutting metal.
- **Maintain** all shop equipment according to manufacturer recommended intervals using repair manuals, part catalogs, and through communicating with vendors and applications engineers.
- **Manage** an up-to-date chemical inventory in the machine shop, and support other environmental health and safety initiatives.
- **Repair** broken CNC or manually-operated machines and make modifications or improvements to equipment that enhances function or safety. You should be skilled with a wrench, and comfortable with assembly and disassembly of precision machinery.
- **Build** and assemble new machinery or equipment as needed to support facility operations. This requires competency with compressed air, coolant, concrete anchoring, basic electrical, and forklift operation.
- **Create** a maintenance program and systematically execute so that nothing is overlooked.
- **Improve** shop effectiveness by identifying recurring issues, future threats, and potential safety hazards. You have an understanding of what continuous improvement looks like, and you leverage your position as the shop's Maintenance Technician to support that end.

Requirements

- You place safety first, always
- 3+ years as a maintenance technician working in an industrial atmosphere and working with industrial machinery
- 1+ years working in a machine shop as a CNC maintenance technician, millwright, machinist, or other similar position
- You have past experience working with precision mechanical systems, such as dis/assembly of machine tools and engines
- You have past experience working with compressed air, and can build or repair compressed air distribution lines
- You are comfortable working around or troubleshooting AC/DC electrical systems, and 3-phase industrial power
- You are able to lockout/tagout machinery before performing maintenance tasks
- You understand lubrication and grease specifics and can demonstrate this knowledge
- You have a solid understanding of how traditional CNC machines work, where the high-wear components are, and know key identifiers for early failure
- You can lift 50+lbs, push heavy carts or crates, and can stretch, reach, kneel, and crawl as required by certain tasks
- You can climb ladders and/or work in enclosed spaces
- You have great communication skills and are able to work with vendors and applications engineers to solve problems
- You can use Microsoft Excel and Word, and access information systems
- You undertake projects and tasks with a distinct attention to detail, a sense of urgency, and an optimistic attitude
- You are a strict advocate for your own safety and the safety of others
- You are dedicated to the quality of your work, and the quality of the parts that the machine shop produces
- You are always looking for ways to make yourself and your team faster, stronger, and happier!

Desired Multipliers

- 10+ years of hands-on experience as a maintenance person, millwright, or industrial mechanic
- 5+ years experience working on a machine shop floor as a machinist or similar
- You can produce evidence of training/certification/education that qualifies you to work on electrical systems
- Prior involvement in the machine tool trade, such as applications, install, sales, or field service
- Professional experience as an electrician, plumber, or contractor
- Experience in fabrication, including sheet metal, waterjet, assembly, or finish work
- Trained in an engineering or design discipline
- Prior experience establishing a facility maintenance program
- Welding proficiency

Salary and Benefits

We're competitive in compensation and offer equity as part of the package. We have great benefits that include health, vision, dental, and 401K in comparison to other startups. We offer hot lunch every day and there's plenty of snacks and drinks to get you through the day. We celebrate our accomplishments with quarterly off-sites and frequent happy hours.

We will ensure that individuals with disabilities are provided reasonable accommodation to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment. Please contact us to request accommodation.

ITAR Requirements: To conform to U.S. Government space technology export regulations, applicant must be a U.S. citizen, lawful permanent resident of the U.S., protected individual as defined by 8 U.S.C. 1324b(a)(3), or eligible to obtain the required authorizations from the U.S. Department of State.

© Astra Space Inc. All rights reserved, Astra is proud to be an equal opportunity workplace. We celebrate diversity and are committed to creating an inclusive environment for all employees. We do not discriminate on the basis of race, religion, color, gender identity, sexual orientation, age, disability, veteran status, or other applicable legally protected characteristics. We encourage people of different backgrounds, experiences, abilities, and perspectives to apply.

San Francisco Applicants: Astra will consider applicants with arrest and conviction records (criminal histories) in a manner consistent with the San Francisco Fair Chance Ordinance.