

Tube Technician Job Description

- Inspect vacuum tube systems and perform routine maintenance to make sure they work at an optimal level
- Use special tools to diagnose and troubleshoot issues with vacuum tubes, power supplies and any other component
- Replace worn-out or damaged vacuum tubes, following proper handling and installation procedures
- Calibrate and adjust vacuum tube systems to a specified performance parameters and operational requirements
- Help develop and execute preventive maintenance schedules and protocols
- Take part in R&D projects that has to do with vacuum tube application or technology
- Examine system performance data and proffer recommendations for optimization
- Carry out inventory checks regularly to ensure parts or consumables are replaced when necessary
- Be up to date on vacuum tube technology, relevant regulations and industry best practices
- Train and guide apprentices or junior technicians on vacuum tube technology and maintenance procedure
- Offer technical guidance to end users and operators of vacuum tube systems
- Work with quality assurance professionals to ensure the strict adherence to regulations
- Oversee and manage the safe disposal of obsolete or damaged vacuum tube systems.
- Teach other team members how to care for the vacuum tubes
- Stay in the loop on everything tube tech updates
- Read and make sense of vacuum tech blueprints
- Team up with engineers and fellow techs on projects
- Help in the design and testing of new tube gear

- Test and fine-tune vacuum tube equipment
- Use specialized tools like tube testers and oscilloscopes for a variety of purposes like testing performance and functionality
- Handle risky materials in a safe manner
- Follow safety rules and standards to ensure that workplace behavior and processes are up to par
- Keep workspace organized, clean and tidy
- Manage spare parts and supplies in a way that follow good inventory practices
- Chat with clients to understand their needs and pain points.