



JOB DESCRIPTION

Job Title: Vehicle Operator/ Test Driver

Job Locations: Greater Los Angeles & San Francisco Metro Area

Summary:

AMEC is seeking for its Project a highly skilled and experienced **Driver/ Test Driver/ Vehicle Operator** to join the team and contribute to the advancement of autonomous drive technology.

As a Test Driver, your primary focus will be to conduct extensive testing and evaluation of the autonomous vehicles on the highway, along with a co-driver to ensure continuous operation and monitoring.

You will play a crucial role in ensuring the safety, reliability, and performance of the autonomous driving systems. This position offers an exciting opportunity to be at the forefront of a cutting-edge technology revolutionizing the automotive industry.

This is a contract-based position. You will be expected to adhere to a shift-based schedule which may not remain constant through the duration of the assignment.

Tasks:

As part of the AMEC team, you will spend most of your time on designated test loops collecting data alongside a co-driver.

- **Highway testing:** Operate autonomous vehicles on designated highway routes in rotations with a co-driver to assess and validate the performance of autonomous driving systems under various driving conditions.

- **Monitor Vehicle and System behavior:** Maintain constant vigilance during testing to observe the behavior of the autonomous driving system and ensure it adheres to safety protocols and regulatory standards.
- **Vehicle Check:** Check that the test vehicle is in proper and safe working order every day and notify the Supervisor of any maintenance/repair items needed.
- **Data Collection:** Start vehicle logging equipment and monitor to ensure it is working, tag & annotate logged data with specified edge cases, handle data collection disks. Gather data on vehicle performance, system failures, and any anomalies encountered during testing.
- **Training:** Complete our customers rigorous training regimen and stay updated on the latest program regulations and requirements.
- **Test plans:** Follow and execute predefined test plans and protocols to evaluate the capabilities and limitations of autonomous drive technology on the highway.
- **Troubleshooting/ Reporting:** Identify and document any issues or malfunctions encountered during testing, including software bugs, sensor failures, or environmental challenges. Collaborate with the cross-functional team to resolve technical problems and improve system performance.
- **Testing documentation:** Keep and maintain accurate records of test procedures, results, and observations. Prepare detailed reports summarizing testing activities, findings, and recommendations for further enhancements.
- **Cross-functional teams:** Collaborate closely with engineers, developers, and researchers to provide insights and feedback on system performance and contribute to the refinement and optimization of autonomous drive technology.
- **Safety and compliance:** Adhere to all safety guidelines and protocols during testing, including following traffic rules, monitoring road conditions, and implementing emergency procedures when required.

Skills:

- High school diploma or equivalent; additional technical education or certification is a plus.
- Must be able to pass the internal operator training program.
- Minimum of 5 years of professional driving experience, including extensive highway driving in the hiring area.
- Proficiency working with PCs, with good working knowledge of productivity tools (MS Office)
- Must be in good health, with the ability to remain vigilant and extremely focused for two-hour uninterrupted blocks of time. To this end, a valid Medical Examiner's Certificate will be required for the duration of the assignment.
- Excellent driving skills, valid driver's license, and a clean driving record, with a thorough understanding of local traffic laws and safety practices.
- Experience with testing or operating autonomous vehicles is highly desirable.
- Detail-oriented mindset with the ability to collect and analyze data accurately.
- Flexibility to adapt to evolving priorities and changing project requirements.
- Strong analytical and problem-solving abilities to assess and troubleshoot technical issues during testing.
- Excellent written and oral communication skills in the English language to effectively report observations, provide feedback, and collaborate with cross-functional teams.
- Ability to work independently and as part of a team, with a high degree of self- motivation and accountability.
- Availability to work flexible hours, including weekends and evenings, to accommodate testing schedules.