

2023

Autonomous Vehicle Self-Certification Testing Program

DECEMBER 2023

Report Requirement

House Bill 2676, enacted during the 2020 legislative session, requires the Department of Licensing (DOL) to submit an annual report to the legislature summarizing the information reported by self-certifying autonomous vehicle testing entities under RCW 46.92.010.

This report also contains background information and the self-certification program requirements.

Background Information

Created through Executive Order 17-01 and RCW 46.92.010, the Department administers the Autonomous Vehicle (AV) Self-certification Testing program, ensuring all testing entities meet the legal requirements before testing any autonomous vehicles on public roadways in Washington State. In addition to maintaining the self-certification testing program, DOL is also responsible for making publicly accessible any collision and moving violation reports submitted by the self-certified companies, as well as information about the intended testing locations.

Self-certification testing program

Any company that plans to conduct, test, or operate an autonomous vehicle on the roads of Washington State must self-certify with the Department of Licensing.

Entities must meet the following minimum requirements prior to any testing:

- Complete a self-certification application with the Department prior to any testing.
- Maintain an umbrella liability policy of not less than \$5,000,000 per occurrence.
- Acknowledge they understand their requirement to report to law enforcement.
- Report to the Department their intended testing jurisdictions.
- Report to the Department any moving violations or collisions from the prior year (by February 1st each year)
- Must notify the respective law enforcement agencies in advance of testing.

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Additionally, depending on the manner of testing planned, the below requirements must also be followed:

Testing <u>with</u> human operators present.	Testing <u>without</u> human operators present.
<ul style="list-style-type: none"> Only a trained employee, contractor, or other person authorized by your company can operate or monitor the vehicles. You must monitor vehicles. An operator must have the ability to direct the vehicle's movement when it needs assistance. Anyone operating an autonomous vehicle needs a valid U.S. driver license. 	<ul style="list-style-type: none"> You must equip vehicles with an automated driving system. It must perform all driving tasks on a part-time or full-time basis within their operational design limits. Vehicles must also be able to make it to a safe condition in the event of a system failure. Vehicles must follow all relevant Washington state motor vehicle laws.

Per RCW 46.92.010, Section 6: there were **no** reportable events such as moving violations or collisions during Calendar Year 2022 by any of the self-certified companies. Please note that this requirement only pertains to companies testing SAE (Society of Automotive Engineering International's standard) Levels 4 and 5 self-driving vehicles.

Company	Collisions	Moving violations
NVIDIA	0	0
Waymo	0	0
Zoox	0	0

*No jurisdiction information is available, as all applications were received prior to this requirement being added to RCW 46.92.010.

For more information or questions, please contact the Department of Licensing's Autonomous Vehicle Program; at AutonomousVehicles@dol.wa.gov.