



DRIVER TRAINING

When developing a CAV test program, it's easy to overlook the factor a driver can play in the final results. But without the necessary training, drivers can easily skew the data resulting in lost time, money, and potentially incorrect results. An added layer of driving skill is required for recognizing the potential for an unsafe response from the vehicle when running an ADAS or AV test.

Drivers Need to be Trained to Obtain the Correct Testing Results

At the American Center for Mobility, Intertek can support several different types of driver training programs.

These programs typically feature several stations utilizing the boulevard, user defined areas, and other areas to setup training scenarios providing both ride-along and behind-the-wheel exposure to:

- Double lane changes
- Emergency stops
- Slalom
- Enabling and disabling the Autonomous Driving (AD) system, including manual takeovers
- Demonstrating the AD features, including sensors in use, expected behavior and known problem scenarios
- Demonstration of system faults related to steering, braking and power, through a fault-injection interface



The programs are led by a Chief Instructor who has developed a multitude of OE driver training programs. ACM and its driver training partner Intertek supplies all instructors, instructional material, and support staff for the events.

Driver training and best practices are based on the following standards:

- SAE J3300: Driving level
- SAE J3300/1: Low mu/winter driving
- SAE J3300/2: Trailer towing
- SAE J3300/3: Automated driving
- AVSC Best Practice for safety operator selection, training, and oversight procedures for automated vehicles under test

