

California Department of Motor Vehicles

Public Workshop

Autonomous Vehicles

Friday, January 27, 2023, at 9:00 am

California State University, Sacramento, Harper Alumni Center
6000 J Street, Sacramento, CA 95819

Webcast via Facebook Live: <https://fb.me/e/38PICbmLs>

Webcast via YouTube: [DMV Public Workshop - Autonomous Vehicles Regulations - YouTube](#)

Facilitators:

Department of Motor Vehicles
California Highway Patrol

- I. Opening
 - A. Introductions
 - B. Housekeeping
- II. Discussion of Regulatory Considerations (attached)
- III. Next Steps
- IV. Closing Remarks

Current California Autonomous Vehicle Regulations



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Regulatory Considerations:

- I. Heavy-Duty (HD) Autonomous Vehicles
 - a. What types of vehicles are being developed?
 - Long Haul Trucking, Box Trucks, Electric Vehicles, Last-mile delivery vehicles, drayage trucks, others
 - b. What are the possible use cases for HD AVs?
 - c. What testing or operations are currently occurring in other jurisdictions?

- II. General Considerations for HD AVs
 - a. Potential conditions or restrictions on public road operation (load type, locations, etc.)
 - b. Compliance with other federal and state rules for commercial vehicles and drivers, including:
 - Motor Carrier Permit and International Registration Plan programs administered by DMV and CHP
 - Inspection requirements
 - Pre-Trip Inspection
 - In Route (Roadside, weigh station)
 - Terminal Inspection/BIT inspection
 - CVSA reporting/Access to inspection data
 - c. Law Enforcement Interaction/Traffic Stops

- III. HD AV Testing
 - a. What requirements, data or certifications should be required for testing HD AVs with a driver?
 - b. Test driver training and licensing
 - c. Financial responsibility requirements
 - d. Law Enforcement Interaction Plan/Specialized Training for First Responders
 - e. Compensation during HD AV Testing
 - f. What threshold metrics, requirements, or certifications should be met before testing HD AVs without a safety driver?
 - g. What requirements should be in place when testing HD AVs without a safety driver?

IV. HD AV Deployment

- a. What is the distinction between testing and deployment in the HD AV space?
- b. During deployment, is there any anticipated plan or role for a human occupant in the HD AV?
- c. What requirements, data or certifications should be required for deployment of HD AVs?
- d. Financial responsibility requirements

V. Other Considerations for HD AV

- a. Anticipated economic impacts
 - Businesses (including small businesses)
 - Revenue generation - Timing & Scale of testing/deployment
- b. Workforce impacts
- c. Local impacts
- d. Infrastructure impacts
- e. Safety impacts and interactions with other road users

VI. What other new or modified requirements should be considered for both Light Duty and Heavy Duty AVs?

- a. Data reporting during testing
- b. Remote operator requirements
- c. Testing and validation requirements
- d. Minimal Risk Maneuver/Safe Harbor
- e. Law Enforcement Interaction/ Traffic Stops
- f. Registration of Autonomous Test Vehicles

VII. Public suggestions for regulatory language

VIII. Other discussion items