

**DUTY STATEMENT**

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Employee Name: Vacant (Babchanik)	Current Date: 05/09/2024
Classification: Air Resources Engineer	Position #: 673-610-3735-049
Division/Office: MSCD/HDDSIB	CBID: R09
Section: Testing Development Section	
Supervisor Name: Krista Fregoso	Supervisor Classification: Air Resources Supervisor I

I certify that this duty statement represents an accurate description of the essential functions of this position.	
Supervisor:	Date:

I have read this duty statement and agree that it represents the duties I am assigned.	
Employee:	Date:

**SPECIAL REQUIREMENTS OF POSITION (IF ANY):**

- Designated under Conflict of Interest Code.
- Duties performed may require pre-employment physical.
- Duties performed may require drug testing.
- Duties require participation in the DMV Pull Notice Program.
- Requires the utilization of a 32-pound self-contained breathing apparatus.
- Operates heavy motorized vehicles.
- Requires repetitive movement of heavy objects.
- Works at elevated heights or near fast moving machinery or traffic.
- Performs other duties requiring high physical demand. (Explain below):
- Duties require use of hearing protection and annual hearing examinations.

**SUPERVISION EXERCISED**

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Lead Person
<input type="checkbox"/> Supervisor	<input type="checkbox"/> Team Leader

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FOR SUPERVISORY POSITIONS ONLY: Indicate the number of positions by classification that this position DIRECTLY supervises: n/a

Total number of positions in Section/Branch/Office for which this position is responsible: n/a

FOR LEADPERSONS OR TEAM LEADERS ONLY:

Indicate the number of positions by classification that this position LEADS: n/a

MISSION OF SECTION:

The Testing Development Section within the Heavy-Duty Diesel Strategies and Implementation Branch is responsible for the development, testing, and certification of vehicle monitoring equipment used for compliance assessment within the Heavy-Duty Inspection and Maintenance (HD I/M) program (also known as Clean Truck Check), and for other related vehicle monitoring applications. CARB's state-of-the-art HD I/M program incorporates on-board diagnostics testing and other advanced testing mechanisms to ensure today's modern electronically controlled trucks are operating with properly functioning emissions controls and aftertreatment systems. This section is responsible for working directly with external vendors and manufacturers, as well as coordinating with partner state and federal agencies, to validate that the equipment used to access a vehicle's on-board diagnostics system meets CARB regulatory requirements. Further, this section identifies and develops equipment specifications to enhance compliance assessment and the monitoring of vehicle and engine operations relative to CARB regulations. The section also assists with other on-road and off-road heavy-duty regulations and advanced technology programs as needed.

CONCEPT OF POSITION: A staff level person, operating under the supervision of an Air Resources Supervisor 1, who performs air pollution control work exhibiting accuracy and organization, and that is completed in the required quantities using effective work habits. The staff person in this position maintains cooperative relationships with other Agency employees; acts independently as directed; meets work commitments by analyzing and drawing sound conclusions; produces clearly written compositions that completely address the topics of interest using correct grammatical rules and proper formatting; and meets quality service commitments.

<u>% OF TIME</u>	<u>RESPONSIBILITIES OF POSITION</u>
30 - E	Perform scientific analyses and technical work related to the development, testing, and certification of vehicle monitoring equipment used in the implementation of heavy-duty truck regulations. This may include researching heavy duty truck testing technologies, as well as truck engine, aftertreatment, semi-trailer, and on-board diagnostic technologies.
20 - E	Perform technical work related to the development and implementation of heavy-duty vehicular equipment requirements. This may include analyzing vehicular monitoring and test equipment data, cost information, emissions data, crafting and evaluating various rule strategies and structures, and developing and overseeing research and pilot projects. Coordinate with

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	other CARB divisions, the Bureau of Automotive Repair, and other federal, state, and local agencies as needed.
25 - E	Prepare clear and accurate technical reports, staff reports, issue papers, letters, regulatory language, and documentation related to the activities described above.
10 - E	Provide other technical, analytical, and programming support of implementation activities as required.
5 - M	Organize and participate in meetings and workshops with industry representatives, environmental groups, and other organizations. Share testing equipment concepts and gather stakeholder input to refine concepts.
5 - M	Perform other duties related to the work of the section such as reviewing documents, responding to correspondence, and stakeholder outreach.
5 - M	Perform technical work and testing of vehicle emissions equipment at field locations throughout California