

DUTY STATEMENT

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Employee Name: Vacant	Current Date: March 2024
Classification: Air Resources Engineer	Position #: 673-400-3735-025
Division/Office: Transportation and Toxics	CBID: R09
Section: Freight Systems Section	
Supervisor Name: Layla Gonzalez	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 Freight Systems Section supports the Freight Transport Advancement Branch's mission to reduce emissions of air toxics, criteria pollutants, and greenhouse gases from freight transportation through the development and implementation of CARB sustainable freight initiatives. Activities, conducted in concert with other branches and divisions, to support this mission including conducting stakeholder outreach, developing and implementing regulations and strategies, implementing enforceable agreements, and promoting clean advanced technologies. This section is lead for the In-Use Locomotive Regulation.

CONCEPT OF POSITION: Under supervision of the Air Resources Supervisor I, the Air Resources Engineer (ARE) is responsible for providing engineering and freight-related expertise, and leading and working productively in multi-divisional and stakeholder teams, to support the development and implementation of CARB policies that will facilitate a transition to a zero-emission freight transportation system. The ARE is also responsible for performing engineering duties related to air pollution programs; conducting technical analyses; developing and presenting recommendations to CARB management; and conveying highly technical information to diverse audiences through a variety of correspondence, including briefing papers, presentations, technical support documents to support rulemaking, workshops, and other informational materials related to freight transportation.

Up to 5% of travel within California for site visits, meetings with stakeholders, and conferences.

<u>% OF TIME</u>	<u>RESPONSIBILITIES OF POSITION</u>
25%	Using engineering practices and principles, assist in collection of locomotive data and other sources and process the data to be made available to the public. Work with other staff, management, and stakeholders to research, analyze, design, communicate, recommend, and implement freight regulatory efforts and emission reduction strategies. Provide engineering expertise to create reports and provide technical analysis to support CARB freight enforcement efforts. Participate in multi-divisional and stakeholder teams to provide an engineering perspective on available technologies needed to implement solutions that ensure compliance of CARB-regulated freight transportation equipment. Work with staff, management, and stakeholders to research, analyze, design, recommend, and implement a comprehensive system that considers innovative equipment, infrastructure, and logistics. Work with highly technical groups of professionals to evaluate off-the-shelf and cutting-edge technologies in development.
25%	Advise and consult with federal, state, and local agencies involved in air pollution control, including participation on committees and work groups with: local air districts and transportation agencies; federal and state

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	agencies; ports, railroads and other industry groups; affected communities; and other interested parties to implement the Board's priorities for freight transport. Build positive relationships with community, government, and industry representatives. Develop consensus where possible. Assist with the implementation of work conducted in the Freight Technology Advancement Branch, including technical and engineering assistance to CARB staff, air districts and stakeholders, participate in brain-storming and problem-solving meetings and present recommendations to management. Present and defend CARB proposals in workshops, hearings, conferences, and other forums.
25%	Work closely with staff in other sections, branches, and divisions to provide engineering perspective and expertise in researching, analyzing, and collaborating on the status of technologies and fuels to help develop policy and quantify the effectiveness of CARB, local, State, national, and international regulations, draft and develop control systems instrumentation, tests, and methods for measurement of air pollution and emissions of air contaminants, help develop emissions reductions strategies including incentives, as well as industry initiatives and agreements in reducing freight transport emissions. Perform office engineering duties related to freight-related air pollution and greenhouse gas emission control programs using engineering skills expertise. Maintain courteous, professional relationships with internal coworkers and management, and all external stakeholders.
20%	Build and maintain professional, courteous relationships with internal co-workers and management. Prepare and deliver clear and concise: correspondence; briefing papers; issue papers; engineering-based technical and policy reports; speeches; technical support documents to provide the basis for rulemaking; rulemaking materials per CARB and Administrative Procedures Act requirements; materials for workshops and Board presentations; and other informational materials that will facilitate a transition toward a zero-emission freight transportation system.
5%	Perform other duties related to such as assisting other sections or branches within the division by providing policy, written, or technical support for special projects to meet division objectives.