

DUTY STATEMENT

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Employee Name: VACANT	Current Date: January 2024
Classification: Air Resources Engineer	Position #: 673-400-3735-008
Division/Office: Transportation and Toxics Division	CBID: 09
Section: Marine Assessment Section	
Supervisor Name: Nicole Light Densberger	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 Marine Assessment Section (Section) develops and implements innovative voluntary and regulatory programs to reduce the public's exposure to toxic air contaminants and to reduce criteria and greenhouse gas emissions from a wide variety of emission sources including ocean-going vessels and other freight transport related sources. The section provides support to CARB activities pertaining to the implementation of measures to improve the efficiency of freight transport in California and to demonstrate and promote zero and near-zero emission technologies for freight transport. The section also provides technical assistance and guidance to local air districts, other governmental agencies, the public, and affected industries on air pollution controls and risk management, reviews federal regulations and programs and works to ensure that they are integrated effectively in California and participates in a variety of programs to maintain expertise in the field.

CONCEPT OF POSITION: Under supervision of the Air Resources Supervisor I, the Air Resources Engineers will perform field and office engineering duties related to air pollution control problems using engineering skills expertise. Incumbents perform field and office engineering duties related to air pollution programs; conduct investigations, inspections, and studies; prepare surveys and reports; draft and develop methods for measurement of air pollutants; advise and consult with Federal, State, and local agencies involved in air pollution control, often involving extensive public and professional contacts; and may act as expert witnesses in Board or court action.

This particular ARE serves on a team within the Transportation and Toxics Division to support the development of new regulations and other measures designed to reduce emissions from freight and marine-related sources, specifically ocean-going vessels. The ARE regularly coordinates internally with other members of the freight and marine teams, staff in other divisions responsible for providing support for emissions inventory and health risk assessment, and other regulatory analyses, and externally with Air District staff, industry, and environmental justice and community stakeholders.

<u>% OF TIME</u>	<u>RESPONSIBILITIES OF POSITION</u>
35%-E	Assist in development and implementation of new and adopted control requirements to reduce emissions of criteria pollutants, toxic air pollutants, and greenhouse gases from freight and marine-related sources, specifically ocean-going vessels (OGV) in-transit. Engineering related activities in carrying out these tasks include: project management; assessing emissions; evaluating emission control technologies and alternative fuels; estimating emission reductions; working with technology and engine manufacturers to identify current and future achievable emission limits; and working with

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	emission testing personnel to develop testing methods and demonstration projects for measuring emissions from OGV. Additional activities include working with industry to respond to questions and concerns regarding rulemaking and technical evaluation of compliance options.
35%-E	Using engineering expertise, serve as technical lead on the coordination and development of a robust emissions inventory, health risk evaluations, other regulatory analyses, and prepare regulatory documents to be used in support of new rulemaking efforts. Provide interdivisional coordination and engineering input on ocean-going vessel emissions that impact regulatory analyses. Lead or participate in external workgroups with technology manufacturers, affected industry, air districts, national/international maritime-related organizations, and environmental justice and community stakeholders.
25%-E	Coordinate with staff and management in multiple sections, branches, divisions and external agencies. Provide engineering support for the implementation of other existing freight regulations. Negotiate solutions to sensitive issues with tact and diplomacy. Manage multiple high-impact assignments concurrently. Travel may be required for site visits, meetings with community groups, other regulatory agencies, stakeholders, and conferences.
5%-M	Perform other duties related to or assisting other sections or branches within the division by providing policy, written, or technical support for special projects to meet division objectives.