STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
CALIFORNIA AIR RESOURCES BOARD

DUTY STATEMENT
ASD/HRB-12 (REV. 03/2020) PAGE 1 OF 3

DUTY STATEMENT

<table>
<thead>
<tr>
<th>Employee Name: Vacant</th>
<th>Current Date: March 2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification: Air Resources Engineer</td>
<td>Position #: 673-400-3735-007</td>
</tr>
<tr>
<td>Division/Office: Transportation and Toxics Division</td>
<td>CBID: 09</td>
</tr>
<tr>
<td>Section: Marine Strategies Section</td>
<td></td>
</tr>
<tr>
<td>Supervisor Name: Angela Csondes</td>
<td>Supervisor Classification: Air Resources Supervisor I</td>
</tr>
</tbody>
</table>

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

Supervisor: [Signature] Date: [Date]

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

Employee: [Signature] Date: [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

- None
- Lead Person
- Supervisor
- Team Leader
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: N/A

Indicate the number of positions by classification that this position LEADS: N/A

MISSION OF SECTION: The Marine Strategies 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: Air Resources Engineers 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.

Under supervision of the Air Resources Supervisor (ARS) I, the Air Resources Engineer (ARE) serves on a team within the Transportation and Toxics Division to assist with verification and other approval procedures for emissions reduction strategies and associated infrastructure for marine sources. The ARE will collaborate with other sections, branches, and divisions to evaluate new and existing emissions control technologies, engines and other emerging hybrid and zero-emission technologies operating in the marine and freight sectors. The ARE will also provide technical support to assist stakeholders with the data reporting activities. The ARE will need to interact and work with a broad range of internal and external stakeholders including scientists, engineers, attorneys, as well as industry and environmental organizations. In addition, the ARE may be tasked with assisting other teams within the Freight Activity Branch with special project assignments as needed.
<table>
<thead>
<tr>
<th>% OF TIME</th>
<th>RESPONSIBILITIES OF POSITION</th>
</tr>
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<tbody>
<tr>
<td>35%-E</td>
<td>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). Work with other CARB staff and a wide variety of public, and private stakeholders to lead the implementation of the OGV At Berth and Clean Fuel Regulations. Conduct engineering evaluations of the efficiency, reliability, durability, and cost effectiveness of emerging control technologies, engine technologies, and risk reduction strategies designed to reduce emissions from marine sources. Evaluate source test data from tests conducted by emission control manufacturers, engine manufacturers, and independent contractors. Additional engineering related activities in carrying out these tasks in include: project management; working with emission testing personnel to develop testing methods and demonstration projects for measuring emissions from OGVs.</td>
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<tr>
<td>35%-E</td>
<td>Provide technical support to assist stakeholders with the data reporting activities. Assist the section’s lead data scientist to analyze large data sets, including but not limited to OGVs, port and terminal operator reported data collected from stakeholders. Develop advisories, interpret the regulations for regulated entities, analyze technical data and present technical information. Using available emissions inventory, evaluate pollutant emissions from specific source categories to support rulemaking and other control measure activities. Additional activities include working with industry to respond to questions and concerns regarding rulemaking and technical evaluation of compliance options. Develop, conduct, and analyze industry specific surveys to update data if needed. Assist district and public with air pollution related questions, respond to phone calls, emails and letters and make oral presentations.</td>
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<tr>
<td>25%-E</td>
<td>Coordinate with staff and management in multiple sections, branches, divisions and external agencies on air pollution questions and projects related to diesel-fueled engines. 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 within California for meetings and conferences.</td>
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<tr>
<td>5%-M</td>
<td>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.</td>
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