### DUTY STATEMENT

| Employee Name: Vacant                          | Current Date: November 2023 |
| Classification: Air Pollution Specialist      | Position #: 673-400-3887-048 |
| Division/Office: Transportation and Toxics    | CBID: R09                   |
| Section: Freight Systems                      |                             |
| Supervisor Name: Ajay Mangat                  | Supervisor Classification: Air Resources Supervisor II |

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

- [ ] 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:

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 include: 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 direction of the Air Resources Supervisor I, the Air Pollution Specialist is responsible for providing scientific and freight-related expertise, and leading and working productively in multi-divisional and stakeholder teams to support the development and implementation of CARB policies and regulations that will facilitate a transition to a zero-emission freight transportation system. Air Pollution Specialists apply scientific methods and principles in the identification, study, and solution of air pollution problems.

Incumbents design, analyze, and evaluate data on the effects of air pollutants; assess the impacts of new emission sources; design storage and retrieval systems for emissions data; coordinate air pollution control programs with other public agencies, and develop regulatory measures and implementation plans and procedures for air pollution control. Incumbents may also represent the CARB in various operations, speak before groups, and conduct community outreach.

The Air Pollution Specialist is also responsible for performing 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, workshops, and other informational materials related to freight transportation. Travel for site visits, meetings with stakeholders, and conferences.
<table>
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<tr>
<th>% OF TIME</th>
<th>RESPONSIBILITIES OF POSITION</th>
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<tr>
<td>30%-E</td>
<td>Provide scientific and freight equipment regulatory expertise for the branch for the development and implementation of CARB policies that will facilitate a transition to a zero-emission freight transportation system. Develop, support, and audit freight equipment tracking and reporting system(s). Work with other staff, management, and stakeholders to research, analyze, design, communicate, recommend, and implement freight regulatory efforts and emission reduction strategies. Provide scientific expertise to create reports and provide technical analysis to support CARB enforcement efforts. Participate in multi-divisional and stakeholder teams to provide perspective on available technologies needed to implement solutions that ensure compliance of CARB-regulated freight transportation equipment. Work with highly technical groups of professionals to evaluate off-the-shelf and cutting-edge technologies in development.</td>
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<td>25%-E</td>
<td>Use scientific principles and methods to collect, analyze, and interpret data on emissions, health risk, and freight system transportation and operations to evaluate relevance, develop policy recommendations, and help ensure that data is accurately reflected in CARB tools, models, and inventories. Translate scientific and policy information into plain language. Develop and present comprehensive oral and written reports to the Board, other agencies, and the public on California’s progress in reducing the emissions and health risk from freight transportation. Assist with the development of emission reduction strategies, including regulations and incentives, as well as industry agreements to reduce emissions.</td>
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<tr>
<td>20%-E</td>
<td>Conduct external outreach including responding to inquiries from the public, communities, industry, and other state, federal, and local agencies. Convey highly technical information to diverse audiences with varying technical backgrounds. Advise and consult with federal, state, and local agencies involved in air pollution control; local air districts and transportation agencies; federal and state agencies; ports, railroads and other industry groups; affected communities; and other stakeholders to implement the Board’s priorities for achieving progress toward a zero-emission freight transportation system.</td>
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<tr>
<td>20%-E</td>
<td>Build and maintain professional, courteous relationships with internal co-workers and management. Prepare and deliver clear and concise correspondence; briefing papers; issue papers; policy reports; speeches; technical support documents; 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.</td>
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<td>5%-M</td>
<td>Perform other duties such as 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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