

**Duty Statement – Workforce**

**Duty Statement**

<input type="checkbox"/> Current <input checked="" type="checkbox"/> Proposed		
RPA Number:	Classification Title: Air Resources Engineer	Position Number: 673-710-3735-xxx
Incumbent Name: Vacant	Working Title: Air Resources Engineer	Effective Date: 1/1/2026
Tenure: Permanent	Time Base: Full-Time	Intermittent Hours Per Month:
Division/Office: Air Quality Planning and Science Division	Section/Unit: Atmospheric Modeling and Support Section	Reporting Location: Sacramento Headquarters
Supervisor's Name: Leonardo Ramirez	Supervisor's Classification: Air Resources Supervisor I	CBID: R09
Confidential Designation:  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Designated Position for Conflict of Interest:  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Position Telework Eligible:  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Supervision Exercised: <input checked="" type="checkbox"/> None <input type="checkbox"/> Lead		

**General Statement**

To provide engineering expertise to the air quality modeling programs of the California Air Resources Board (CARB) through providing timely, accurate, and state of the science-based emission inventories that support State Implementation Plan (SIP) submittals, regulatory modeling and air quality impacts of current and future regulations.

**Competencies**

All employees are responsible for understanding and demonstrating the core competencies of collaboration, communication, customer engagement, digital fluency, diversity and inclusion, innovative mindset, interpersonal skills, and resilience.

**Position Description**

Under the direction of management and lead staff, this position, analyzes, develops, or improves inputs required by air quality models, which are used to estimate air quality concentrations and population exposure estimates to support CARB's air quality management programs.

% of Time	Essential Functions
25	Utilizing engineering concepts, produce spatially-, temporally-, chemically-, and size-resolved emissions and ambient air quality modeling inputs required for grid-based photochemical models used to support Federal and State regulatory programs. Develop the capability to identify and implement needed improvements to gridded emission inventories that could be used for attainment planning, particularly related to particulate matter and aerosol modeling.

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25	Utilizing engineering concepts, perform quality assurance and data analyses with emissions, meteorological, and air quality data used for modeling applications using Geographic Information Systems and other scientific evaluation tools. Also, investigate new quality assurance and data analysis techniques.
25	Utilizing engineering concepts, developing new tools for visualization, data archiving, documenting, and version controlling emissions inventories and observation-based data used for regulatory modeling applications.
15	Assist with the administration of computer systems used to process and store emission inventories and air quality data.

% of Time	Marginal Functions
5	Participate in technical topic discussions, including discussions of emissions characterization, gridding inputs, and methodologies with internal and external stakeholders to improve the data used in the gridding of emission inventories.
5	Use engineering expertise to prepare technical reports on findings related to emission inventory and aerometric (air quality and meteorological) data to support CARB programs as well as technical papers for peer reviewed journals. Perform other duties as may be needed to meet the goals of the section. Occasional travel may be required.

**Typical Physical Conditions/Demands**

This position requires frequent sitting, standing, walking, bending, and reaching. It also requires frequent use of hands, wrists, and fingers for keyboarding and document manipulation. Moving objects weighing up to 25 pounds may be necessary. Occasionally, you may be exposed to outdoor weather, dust, or noise.

**Typical Working Conditions**

The incumbent works in a smoke-free environment on the 7th floor of a high-rise office building in downtown Sacramento in an enclosed, non-windowed office cubicle. The work schedule is Monday through Friday. Travel may be required locally and within the state.

**Special Requirements of Position (Check all that apply):**

<input type="checkbox"/> Duties may require pre-employment and routine screenings (background/criminal/fingerprint clearance, drug testing, fingerprinting, physical, etc.). <input type="checkbox"/> Duties require participation in the DMV Pull Notice Program. <input type="checkbox"/> Performs other duties requiring high physical demand. (Explain below) <input type="checkbox"/> Requires repetitive movement of heavy objects and/or operation of heavy machinery or motorized vehicles. <input checked="" type="checkbox"/> Travel up to <u>  5  </u> percentage
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<input type="checkbox"/> Bilingual Fluency needed in _____(language)
<input type="checkbox"/> Other-

**Supervisor Statement**

I certify that this duty statement accurately describes the essential functions of this position. I have discussed the duties of this position with the employee and provided the employee with a copy of this duty statement.

Supervisor Name:	Supervisor Signature:	Date: Date
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**Employee Statement**

I have discussed these duties with my supervisor and have been provided a copy of this duty statement. I certify that I have read, understand, and can perform the duties of this position either with or without reasonable accommodation\*.

*\* Reasonable accommodation is any modification or adjustment made to a job, work environment, or employment practice or process that enables an individual with a disability or medical condition to perform the essential functions of his or her job or to enjoy an equal employment opportunity. (If you believe reasonable accommodation is necessary, check yes. If unsure of a need for reasonable accommodation, inform the hiring supervisor, who will discuss your concerns with the Reasonable Accommodation Coordinator.)*

Do you need reasonable accommodation to perform the essential functions of this position? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Employee Name:	Employee Signature:	Date: Date
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### Definitions/Instructions

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**RPA Number** – RPA number as provided by Position Control

**Classification Title** – Official classification title as per CalHR

**Position Number** – Full position number (agency-unit-class-serial, e.g., 673-810-5142-###)

**Incumbent Name** – Current employee

**Working Title** – This may differ from the classification title.

**Effective Date** – Day incumbent signed new or revised duty statement.

**Tenure** – Select from Permanent, Limited-Term, Retired Annuitant, etc.

**Time Base** – Select from Full-Time, Part-Time, Intermittent, etc.

**Intermittent Hours per Month** – intermittent hours worked.

**Division/Office** – Name of division or office name of the position

**Section/Unit** – Name of section or unit of the position

**Reporting Location** – where the position reports

**Supervisor's Name** – Current supervisor

**Supervisor's Classification** – Current supervisor's classification

**CBID** – Bargaining Unit of the position. Bargaining Unit numbers can be found here using the [CalHR Bargaining Unit Search](#) page.

**Confidential Designation** – Confidential Designation is for employees with a CBID of E48

**Designated Position for Conflict of Interest** – Refer to [CARB's Conflict of Interest Code](#) or [CalEPA's Conflict of Interest Code](#) for designated positions

**Position Telework Eligible** – Will vary as per the CARB's telework policy.

**Supervision Exercised** – Contingent upon job needs and duty requirement. For allocation reach out to HR for assistance.

**General Statement** – Provide a summary of the main purpose and functions of the position as it relates to the Agency, 3-5 sentences.

*Example: To provide human resources guidance to the programs of the California Air Resources Board (CARB) and the California Environmental Protection Agency (CalEPA) through providing timely, accurate, and customer service-oriented human resources support.*

**Competencies** – Review [definitions of competencies](#) below.

**Position Description** – Provide a brief overview of the position and its main functions related to the Division.

*Example: Under the general direction of the Administrative Services Division (ASD) Chief (CEA Level B), the Human Resources Branch Chief ensures the Department's personnel programs follow laws, regulations, policies, and best practices. Provides direction, guidance, and consultation to the CARB and CalEPA management and executive teams. Performs as subject matter expert to managers and*

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*supervisors on personnel-related matters. Serves as the Department's technical expert for personnel matters and handles the most critical and sensitive human resources matters.*

**Essential Functions** – The fundamental job duties of the position. Essential Functions are recommended to be no higher than 40% nor lower than 10%. Essential Functions are the duties the position exists solely to perform. There are a limited number of employees available to perform these functions and they're typically highly specialized.

**Marginal Functions** – Other job duties related to the position that are not primary functions (i.e., may be completed/assigned to another employee). Marginal Functions are recommended to be no higher than 10%. **Percentages of Essential and Marginal Functions shall add up to 100%.**

**Typical Physical Conditions/Demands** – The level and duration of physical exertion generally required to perform the tasks required for the position.

*Example: This position requires frequent sitting, standing, walking, bending, and reaching. It also requires frequent use of hands, wrists, and fingers for keyboarding and document manipulation. Moving objects weighing up to 25 pounds may be necessary. Occasionally, you may be exposed to outdoor weather, dust, or noise.*

**Typical Working Conditions** – Refers to the working environment and work schedule. Details about any travel requirements may also be listed here.

*Example: The incumbent works in a smoke-free environment on the 19th floor of a high-rise office building in downtown Sacramento in an enclosed, non-windowed office cubicle. The work schedule is Monday through Friday. Mandatory overtime, including evening and weekend work, may be necessary during the year-end closing process or when the department is mission tasked. Travel may be required locally and within the state.*

**Special Requirements of Position** – Check all that apply

**Supervisor Statement** – Refer to job duties

**Employee Statement** – Refer to job duties

**Supervisors forward the signed copy of the duty statement to their [Division HR Liaison](#) to be placed in the employee's Official Personnel File.**

### Definitions of Competencies

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Effective development of the identified Core Competencies fosters the advancement of the following: Collaboration, Communication, Customer Engagement, Digital Fluency, Diversity and Inclusion; Innovative Mindset, Interpersonal Skills, and Resilience.

- **Collaboration** – Develops, maintains, and strengthens relationships while working together to achieve results.
- **Communication** – Listens, writes, and presents ideas, opinions, and information virtually and in person with diverse audiences.
- **Customer Engagement** – Creates a connection with internal and external customers through passive experiences and exceptional service in response to current and future needs.
- **Digital Fluency** – Use technology effectively in the performance of one's job, including integrating and accepting new technology when appropriate.

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- **Diversity and Inclusion** – Works effectively in an inclusive workplace where individual differences and perspectives are respected and leveraged to achieve organizational goals.
- **Innovative Mindset** – Demonstrates curiosity, develops new insights, considers creative approaches, and applies novel solutions.
- **Interpersonal Skills** – Interacts positively with courtesy, sensitivity, and respect with various individuals and makes every effort to understand and relate to others; includes managing feelings effectively, expressing oneself appropriately and working with others towards a common goal.
- **Resilience** – Overcomes challenges, performs well, and remains optimistic and committed under pressure and adversity.