

CLASSIFICATION: Air Resources Engineer	Time Base: Full-Time	SALARY: \$4,608.00 - \$8,379.00	FFD: 12/27/2010
LOCATION: El Monte		DIVISION: MSCD	
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<p>DUTIES:</p> <p>Due to the Governor's Hiring Freeze Order, only internal Air Resources Board lateral candidates will be considered.</p> <p>The Mobile Source Control Division, Emissions Research Section (Section) has an Air Resources Engineer vacancy. Under the direction of the Air Resources Supervisor I, the incumbent will work on the development of two rulemakings. One is to require all new light duty vehicles to meet the stringent "zero evaporative" standards and the other is to reduce the tailpipe emission standards when the vehicle is driven under high-speeds and loads. These two rulemakings are important elements of the upcoming Low Emission Vehicle III program. This will require review of engine and fuel system technologies, running test programs and setting appropriate standards and certification fuel specifications. Incumbent may participate in a future team to evaluate the feasibility for lowering on-road motorcycle emission levels and emission control tampering. In general, duties require recommendations based on engineering analysis, generation of a variety of reports, briefing papers, speeches and presentations, and working with management to evaluate future control measures for reducing criteria and greenhouse emissions from mobile sources. At times incumbent may be called upon to serve as lead staff person for work groups and technical meetings, and to engage in outreach events with industry, environmental groups, government organizations, and the public.</p> <p>The Mobile Source Control Division is responsible for developing statewide programs and strategies to reduce the emission of smog-forming pollutants, greenhouse gases and toxics from mobile sources. These include both on- and off-road sources such as passenger cars, motorcycles, trucks, buses, heavy-duty construction equipment, recreational vehicles, marine vessels, lawn and garden equipment, and small utility engines. These programs are often adopted nationally and worldwide. The Section has been instrumental in developing standards which require near-zero and zero evaporative control technology, control of emissions from high speed driving, and identification and control of toxic emissions from passenger cars, light- and medium-duty vehicles. We also are responsible for on-road motorcycle regulations. Of late, the Section has been providing technical support for the California Global Warming Solutions Act of 2006 or Assembly Bill (AB) 32 Scoping Plan. Indeed, the Section developed the first of its kind "Cool Cars" regulation identified in the Scoping Plan as an "Early Action Item". The regulation was adopted by the Board recently in June 2009 and requires the use of solar control glazing on new vehicle windows starting with the 2012 model year. This reduces interior car temperatures allowing smaller and less use of mobile air conditioning units. This translates directly into less fuel used and lowers greenhouse gas vehicle emissions.</p>			
<p>DESIRABLE QUALIFICATIONS: The most competitive candidates will be highly motivated, self-starting, enthusiastic and will possess the ability to interact effectively with people at all levels of management, government and industry. The incumbent will have strong written and verbal communication skills along with the technical background to understand existing and emerging engine/fuel system technology. Project management skills is essential such that you can be given a complex project and plan resources to get it done. The incumbent must have the ability to analyze data, develop solutions and present information effectively both orally and in writing. Emailed applications will not be accepted. Only the most qualified applicants will be interviewed. Due to the Governor's Hiring Freeze Order, only internal Air Resources Board lateral candidates will be considered. Air Pollution Specialists are encouraged to apply.</p>			