

CLASSIFICATION: Air Resources Engineer	SALARY: \$4,608 - \$8,379	FFD: June 8, 2011 or Until Filled
DIVISION/SECTION: Mobile Source Operations Division	CONTACT: Don Chernich	PHONE: (916) 322-7620
LOCATION: Sacramento, CA	MAILING ADDRESS: ARB – Depot Park MSOD, BLDG 452, 1st Floor, 8311 Galena Avenue, Sacramento, CA 95828	

Due to the Governor's Hiring Freeze Order, only internal Air Resources Board candidates will be considered.

DUTIES:

The Heavy-Duty Diesel Inspection and Maintenance Development Section provides heavy-duty vehicle emissions testing in support of ARB's regulatory development and other emissions research. The Section has primary responsibilities for the operation of ARB's Depot Park Facility which conducts tests of on-road trucks and buses, as well as other diesel powered equipment. Test projects involve fuel evaluations, engine and chassis dynamometer tests, in-use vehicle surveillance, and many other types of emission and performance related projects.

The Section currently has an opening for an Air Resources Engineer (or Air Pollution Specialist) to perform emissions testing using a Portable Emissions Measurement System (PEMS) as well as other work performed at the laboratory. Under the direction of an Air Resources Supervisor I, and a staff lead, incumbents perform all aspects of vehicle emissions tests using a PEMS and other laboratory equipment. Incumbents will develop test plans, document standard operating procedures, perform equipment calibrations, coordinate emission sampling, install test equipment, perform data collection, and most importantly analyse and report test results. Incumbents will also assist with the general operation of ARB's Depot Park Facility. Incumbents will develop working relationships with government agencies, academia, and stakeholders and is expected to serve as an expert witness. Make presentations and publish technical reports as necessary.

Qualified Air Pollution Specialists are encouraged to apply.

DESIRABLE QUALIFICATIONS:

ARB's Depot Park Facility is a new test facility located in Sacramento. The facility is staffed by a small group of ARB staff and provides testing services for ARB client divisions. The section's division offices are located in Southern California.

For this position, the most competitive candidates will be self starters with strong attention to detail. The most desirable candidates will have advanced degrees with strong analytical and computer skills. The incumbent must be strong in their craft and possess the ability to carry out an emissions project from beginning to end. The incumbent must be able to work in a collaborative team setting to develop sampling plans, assemble requisite supplies and equipment, and to methodically perform a test project. At the conclusion of a project, the incumbent is expected to timely and competently post-process and report the test results. Frequently, the incumbent will need to work in the field. The incumbent will need strong computer skills and be able to effectively utilize technology.

This position is different than the typical cubical based engineering position and will likely appeal to those that like working in a small group, in a laboratory and field setting. This position has varied work assignments and provides both freedom and flexibility in exchange for responsibility.

Applications will be screened and only the most qualified candidates will be interviewed. Please indicate Position #673-946-3735-xxx in Section 12 of your application.