

CLASSIFICATION: Programmer II	Time Base: Full Time	SALARY: \$4,833.00 - \$5,147.00	FFD: January 26, 2011
LOCATION: El Monte		DIVISION: Mobile Source Control Division	
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DUTIES: <p style="color: red;">Due to the governor's Hiring Freeze Order, only internal Air Resources Board lateral candidates will be considered.</p> <p>The In-Use Compliance and Evaluation Section within the Heavy-Duty Diesel In-Use Strategies (HDDIUS) Branch is primarily responsible for in-use compliance requirements and evaluation of emission control technologies for existing on- and off-road diesel engines. To facilitate rule compliance and to assist private/public parties in determining retrofit compliance options; maintains and regularly updates a massive database of verified technologies and affiliated engines and applications. The Duties also include designing and supporting databases which assist in the needs of both the HDDIUS and Heavy Duty Diesel Implementation Branches by managing, developing, and maintaining major databases that are required to handle the large quantities of data generated. These databases and related activities are critical to the successful implementation of the various on-road and off-road fleet rules.</p>			
DESIRABLE QUALIFICATIONS: <p>Under general supervision, the ideal candidate shall demonstrate strong initiative and use of MySQL programming skills; use programming language tools; write complex web-based application using scripting languages (e.g., PHP), Ajax, and Javascript; prepare MySQL data definition language and data manipulation language; test program functionality; install and maintain jQuery framework applications and plug-ins; build content management systems; provide guidance, direction, and assistance on the implementation of these systems and provide training to Air Resources Board (ARB) users. These tasks support the multi-Branch implementation efforts of ARB's various fleet rules (transit buses, solid waste collection vehicles, off-road vehicles), as well as systems necessary to maintain information developed as part of ARB's diesel retrofit verification program. Lead other Branch team members in the creation of XHTML/CSS/PHP/Javascript programs for the presentation of data from a MySQL database. Determine the application and utility software which should be installed. Provide support and oversight in areas of data security, virus/hacking protection, operational recovery planning, training of non-information technology back-up staff on systems maintenance and recovery to ensure continuity of operations. Develop and present near-term and long-term strategies for Branch data management needs, including database evolution, facilitation of user interfaces, and integration of new technologies.</p>			