

VPOS Announcement (includes duty statement critical tasks)

**Safer Products and Workplaces Program
Senior Hazardous Substances Engineer
810-340-3725-002**

The Safer Consumer Products and Workplaces Program (SPWP) is seeking an enthusiastic, motivated engineer to join our multi-disciplinary teams of scientists, engineers, analysts, and industrial hygienists as we work to reduce toxic chemicals in consumer products and workplaces throughout California.

Job Description

Under the direction of the Supervising Hazardous Substances Engineer I (Sup HSE I), the Senior Hazardous Substances Engineer (Sr. HSE) performs the most complex and difficult engineering duties for the Manufacturing Unit in the Safer Products and Workplaces Program. The Sr. HSE will conduct a variety of engineering tasks and initiatives including the implementation of the Safer Consumer Products (SCP) regulations and efforts supporting the state's toxics-in-products laws and chemical data call-in responsibilities. Duties include, but are not limited to:

General Engineering Duties

Plans, organizes, and implements the most complex scientific and engineering activities for Department-wide initiatives adopted under the SCP regulations and legislatively-mandated toxics-in-products activities. These activities include but are not limited to: reviews and evaluates engineering processes used to manufacture products and chemicals of concern in support of SCP regulations; develops, evaluates and deploys strategies and processes for SCP regulations; provides policy direction on the engineering and scientific efforts with the development of safer products and pollution prevention. Reports any potential conflicts between policy expectations, regulatory demand, staff resources, and technological limitations while providing recommendations on solutions/options available to DTSC to management, which include but not limited to: reviews legislative proposals and submits new legislation as applicable; advises branch chief and executive management on the implications of potential green chemistry and pollution prevention strategies and technology impacts to DTSC regulatory options and actions proposed or anticipated; designs and manages projects focused upon SCP regulations strategies, technology innovation, and life cycle analysis addressing priority chemicals and products; provides consultation for State, local and federal organizations on technical issues as assigned.

Engineering Evaluation Duties

Evaluates and promotes the most complex safer, new or innovative products and processes through product and market, scientific and engineering research, alternatives analysis and evaluation. Conducts toxics-in-products activities; evaluates the availability of potential manufacturing alternatives and potential advantage and disadvantages posed by those alternatives. Performs and/or evaluates the life cycle tools, approaches, and/or assessments requiring data retrieval and analysis; initiates and designs forward looking strategies that focuses upon the development of safer products and expansion of pollution prevention, which supports stated departmental priorities.

Project Management/Review Duties

Participates in the critical evaluation of the project work; reports to management any potential performance deficiencies, deviations from the Department's Strategic Plan, violation of State, Department or Division policy and guidance or breach of scientific or ethical conduct. Participates in budget preparation, development of program goals, as well as strategic and operational planning to forecast need for the branch, and budget management. Acts as project manager on the most difficult or complex projects implementing the Safer Products and Workplaces Program (SPWP). Reviews technical work products of lower-level staff. Mentors staff and serves as technical consultant to other department staff and external stakeholders. Acts as lead for projects, studies, workgroups or task forces supporting SPWP initiatives.

Presentation/Publication Duties

Prepares technical reports, information and guidance for departmental publication and use and where applicable publications in peer review journals. Represents the department before the media and governmental, scientific, professional, and public groups regarding the Safer Products and Workplace Program. This may require driving on state business.

Administrative Duties

Performs administrative duties including, but not limited to: adheres to Department policies, rules, and procedures; submits administrative requests including leave, overtime, travel, and training in a timely and appropriate manner, accurately reports time in the Daily Log system and submits timesheets by the due date.

Desirable Qualifications

Technical. We are particularly interested in candidates that have the ability to plan, organize, and complete difficult and complex engineering projects; identify the engineering tools needed to properly perform the assigned tasks; interpret engineering reports, apply engineering and scientific principles, and develop policy proposals and procedures; effectively lead and work with groups and agencies to gain cooperation in hazardous waste and environmental management; evaluate and project environmental data and prepare comprehensive engineering studies, projects and resultant reports.

Communication. We are interested in candidates who can communicate clearly and concisely and who have strong writing skills. Also desirable are experience developing and delivering presentations on scientific, engineering, technical, or regulatory topics.

Analysis and Problem-Solving. We encourage candidates with knowledge and experience analyzing policy issues, developing regulations, or analyzing proposed legislation to apply. Strong candidates have experience researching and analyzing complex technical and regulatory information and developing recommendations; are proficient in the use of online research tools; and are able to solve problems creatively and effectively.

Personal qualities. Strong candidates are well-organized, adept at working in a dynamic environment, and maintain professional, productive relationships with their peers, management, and external stakeholders.

WHO MAY APPLY:

Eligible candidates who are current State employees with status in the above classification or lateral transfers from an equivalent class, former State employees who can reinstate into this class, or persons (state employees or those new to state service) who are reachable on a current certified employment list for this classification.

To get on the current certified employment list for Senior Hazardous Substances Engineer, the exam is currently posted at: <https://exams.spb.ca.gov/exams/hse/> Read through the entire bulletin for Senior Hazardous Substances Engineer. The exam, referred to as the Training and Experience Evaluation, is a link at the end of the official exam bulletin.

ALL INTERESTED APPLICANTS MUST SUBMIT A COMPLETE STANDARD STATE APPLICATION (STD. 678) WITH ORIGINAL SIGNATURE. On page 1 of the State application in the "Job Title" section, list the job title, Senior Hazardous Substances Engineer, position #810-340-3725-002 and RPA #16-HQ-SPWP-245. Also on page 1, in the "Explanations" section clearly indicate the basis of your eligibility, i.e., list eligibility, transfer, SROA, surplus, reemployment or reinstatement.

All methods of appointment may be considered. Appointment is subject to SROA and State surplus policies. SROA and Surplus candidates are encouraged to apply. Applications mailed through the U.S. Postal Service must be postmarked by the final filing date. Applications personally delivered or received via interoffice mail must be received and stamped by the listed contact person or designee no later than **CLOSE OF BUSINESS 5:00 p.m.** on the final filing date. Applications will **NOT** be accepted, i.e. electronically, faxed, or via e-mail and applications with "see resume" will not be considered. All applications will be screened and only the most qualified candidates will be considered.

A 60-day candidate pool may be established for subsequent vacancies.

"The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation."

Additional Information:

DTSC is a department within the California Environmental Protection Agency that is dedicated to protecting California's people and environment from harmful effects of toxic substances by restoring contaminated resources, enforcing hazardous waste laws, reducing hazardous waste generation, and encouraging the manufacture of chemically safer products.

We offer a progressive, friendly work environment that values innovative thinking, collaborative approaches, and enthusiasm for learning. Located at 1001 I Street, the Cal/EPA building has many great amenities including on-site daycare, transit incentives, secure bicycle parking, a fitness center with showers, a café, and more. We are close to many restaurants and artisan coffee houses, the farmers market, and light rail, RT and suburban bus lines.

To learn more about DTSC's Safer Consumer Products Program, please visit our homepage at www.dtsc.ca.gov/SCP .

Working Title	Position Number
Sr Hazardous Substances Engineer	810-340-3725-002
Location	County
Sacramento	Sacramento
Timebase	Tenure
Full Time	Permanent
Final Filing Date	Departmental Link
Open until filled	http://www.dtsc.ca.gov
Contact / Unit Address	Contact Name / Phone
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