

Safety Systems Engineer/Process Engineer Richmond, KY

Opportunity

Are you well versed in Safety Systems Programs? Are you a leader in risk assessment, hazards analysis and predictive assessments for facility operations? Do you like designing and implementing Safety programs and interacting with design/engineering and operations personnel to mitigate safety hazards in a complex factory? If so, we are seeking a System Safety Engineer/Process Engineer who can provide technical safety, industrial hygiene and operational safety support to our Bluegrass Chemical Agent destruction pilot plant (BGCAPP). This Facility is specifically designed to safely and efficiently destroy chemical weapons. As we move forward, your expertise in safety and process analysis will be instrumental for the safety of our workers as well as the safety of the people in our neighboring communities! This is your chance to help us with this vital mission.

We really like engineers with who are cognizant of application federal, state and local regulations as they apply to a facility like this. We respect engineers with the ability to facilitate hazards analysis review meetings and can develop and maintain required record keeping systems in compliance with **Army Regulations**, USACE Engineering Manual (EM 3851-1), **Occupational Safety and Health Reporting (OSHA)** and **MIL-STD-882D System Safety Management Plan**. Engineers that can perform technical safety, risk assessment, industrial hygiene and occupational health support to the design, procurement and construction efforts are needed. Our Safety/Process Engineer performs advanced predictive assessments and hazard analyses of subsystem and system hardware, processes, equipment, software and logic for projects and facility operations. As we move into systemization of the plant, the Safety/Process Engineers role will be critical to ensure all equipment and systems are performing to specifications and requirements, to ensure safe operations, since this facility deals in toxic chemicals. If you have experience developing, reviewing and supporting a implementation project system safety plan and advanced skills in hazards analysis of system hardware, processes, equipment and software for a chemical facility, this is a great opportunity for you!

Requirements

BS degree with concentration in safety or process engineering (or related program) and 5-12 years of related process/safety systems engineering.
Experience in developing and implementing system safety programs, hazards analysis, safety and risk assessments and industrial hygiene programs.
Experience with hazard tracking data base systems and processes
Possess general knowledge of engineering/design practices, construction methods, industrial hygiene, and human factors.
Demonstrated ability for technical problem solving, technical writing, and computer skills (MS Word, Excel and Access) is required.
Ability to successfully pass medical screen, including the ability to wear a respirator and other PPE, lift up to 20 lbs. and work in the proximity of toxic chemicals.

US Citizenship required and ability to obtain and maintain BGAD site access is required.

Preferred

Master Degree in safety, human factors, chemical, or mechanical engineering
Professional engineer or in process of completing P.E license.
Certified Safety Professional

Experience implementing voluntary protection (VPP) programs
Experience with pilot plant operations, especially as they relate to chemical demilitarization.
Experience with safety assessment of explosive and energetic materials handling.

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If you are interested in applying, the position can be found at our website at www.parsons.com/careers

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Or you can contact Julie Britt at 704-651-0682 or at Julie.britt@parsons.com for more information.