



Example of Process Safety Engineer Job Description

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Our company is growing rapidly and is hiring for a process safety engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for process safety engineer

- Facilitate project PHA/LOPA and What-if reviews, as necessary
 - Support the maintenance of the EPA Risk Management Plan (RMP) and associated off-site consequence analysis and documentation
 - Lead and/or conduct Consequence Analysis studies that generate a better understanding of the consequences of process incidents including building and facility siting
 - Lead and/or coordinate risk mitigation studies
 - Support the site Incident Investigation process by being a trained Why Tree facilitator to lead investigations in determination of root causes
 - Support the Management of Change and Pre-start-up Safety Review process by providing advice, training, hazard review facilitation, and quality auditing of the process
 - Support the compliance auditing and performance measurement processes and assist in conducting formal internal audits of the various PSM program elements
 - Support facility siting/building siting processes in development of required procedures and tools
 - Serve as focal point for the development of Process Safety Information (compatibility matrices, safety equipment specifications, consequences of deviations and critical operating parameter development)
 - Conduct process safety metric trend analysis
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- Project professionalism
- Bachelor s degree in Chemical Engineering, (advanced degree is a plus)
- 5+ years of Process Safety experience
- 8+ years of professional work experience in EHS, manufacturing, chemical engineering, or other related field
- Extensive PHA experience is required
- TCPA experience preferred