

Process Safety Engineer

Job Description The Chemical Process Safety Engineer must be capable of identifying process hazards, evaluating the risk of those hazards, and assist in the development of effective solutions to mitigate risk.

The Chemical Process Safety Engineer Candidate must be familiar with the fourteen elements of Process Safety Management (PSM) and the EPA's Risk Management Plan (RMP) rule. Preference will be given to Chemical Process Safety Engineer candidates familiar with NFPA 30; IL state pressure vessel requirements; IL state atmospheric storage tank requirements; and experience interfacing with insurance carriers (Factory Mutual).

The Chemical Process Safety Engineer responsibilities may include the following:

- Lead Process Hazard Analysis (PHA) on existing and new processes
- Provide oversight for the site Management of Change (MOC) Process
- Manage the site PHA schedule and recommendation implementation plan
- Lead Root Cause Analysis (RCA) investigations for incidents and near misses
- Provide oversight and conduct audits for Pre Startup Safety Reviews (PSSR)
- Provide mentoring and training for site personnel
- Participate on teams responsible to implement new products and processes
- Interact with the IL State Fire Marshal office and Factory Mutual

Required Experience

The Chemical Process Safety Engineer must have a minimum of 5 years of industry experience. Bachelors degree in Chemical Engineering, Chemistry, or Environmental Health and Safety (EHS) preferred.~cb~