

Industrial Engineer Intern

Job Description

Type: Temporary

Reports to: Plant Manager

Position Summary:

The primary role of the Industrial Engineer Intern is to collaborate with the commodities, operations, quality, and maintenance teams to execute on several projects through the summer. Primary areas of project focus will be supporting our Plant Compliance Engineer and Operations Manager. Several assessments will be key deliverables of this position.

Position Deliverables:

- PSM Audit follow up and corrective actions
- Process digital control system interlock review
- Standard operating procedure review and generation
- Plant hygiene/housekeeping program revision
- Oil and chemical containment assessment and map generation
- Job hazard assessments (PPE analysis)
- Support Grain and Dust handling assessment
- Process engineering support
- End of summer presentation

Education/Experience:

- Coursework toward a Bachelor's degree in Safety, Science, or Engineering required
- Course work in process safety and/or hygiene is a plus

Knowledge/Skills/Abilities

- Previous work in a manufacturing environment is a plus
- A basic knowledge of manufacturing safety and environmental regulations
- Proficient Microsoft Excel Skills
- Keen attention to detail; documentation retention and organization skills are a must
- Self-starter and driven personality
- Ability to manage projects through to completion
- Must be able to take direction and work well with others required to uphold a team-based environment

Physical Requirements:

Time will be spent in a temperature-controlled office-based environment at the manufacturing facility. Ability to sit for long periods of time. Able to view computer screen for lengths at a time. Time will be spent in the plant. All types of chemical industry equipment are used in the plant to include, but not limited to fermentation vessels, jet cookers, agitators, mixing and milling equipment, distillation columns, centrifuges and distributive control systems. May be exposed to loud noises, wet and humid conditions, fumes or airborne particles, toxic chemicals, extreme hot and cold depending on weather conditions. Must be able to speak and listen clearly. Fine visual acuity to read for accuracy. May be required to lift objects weighing up to 60 lbs occasionally.

Work Environment:

Regularly exposed to dust, odors, fumes, noise, and temperature variations.

INTENT AND FUNCTION OF JOB DESCRIPTIONS

The specific statements shown in each section of this description are not intended to be all inclusive. They represent typical elements and criteria considered necessary to successfully perform the job.