



Example of Improvement Engineer Job Description

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Our company is growing rapidly and is looking for an improvement engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for improvement engineer

- Define and implement a forward-looking energy & sustainability agenda for the site, including a long-term variable cost improvement plan
- Lead RCA's, Kaizen Events and other technical problem solving activities as and when required
- Provide data analysis on repetitive failures and other problems that may adversely impact manufacturing operations and provide training to others at site
- Mentor and coach improvement teams, Kaizen teams and Green Belts
- Lead teams in Breakthrough/Best-In-Class performance improvement on projects, usually within the area of the Black Belt's expertise
- Create and act on Statements of Work once the projects are "Identified/Recognized" by the leader
- Impact Quality, Cost, delivery and lead projects that meet the minimum economic value required
- Participate in project progress reviews with Master Black Belts, Champions, and other appropriate leadership levels on at least a monthly basis
- Identify barriers to project success and solicit help from champions as needed
- Train project team members in basic Six Sigma

Qualifications for improvement engineer

- Document improvements to process and equipment

- 3 - 5 years of experience in plant Production, Maintenance, or Engineering departments
- Minimum 5 years experience with Manufacturing Excellence/High Performance Work Systems
- Graduate in a Chemical Engineering discipline with previous working experience within the process (Chemical, Food, Pharma, Oil & Gas) sector
- Manufacturing operational experience including manufacturing improvement and delivery of measurable business benefits