



We are about you[®]

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We make your company more productive by applying: Lean Engineering, Manufacturing, and Service Processes

Making Productivity Visible to Everyone[®]

Identify and Reduce the Risk of Failure on the Jobsite by using Project Failure Mode and Effect Analysis[™] (PFMEA)

Project Failure Mode and Effect Analysis[™] (PFMEA) is considered one of the most beneficial tools for risk analysis. PFMEA is used to predict and prevent potential failure modes on construction projects prior to job start. A systematic ranking method will help prioritize the potential failure based on their frequency, severity and detectability.

A construction job site is a very fluid work environment, in a state of constant change, both planned and unplanned, and failures can happen at any point in the process. The construction industry is known for complex processes with many different people involved. The jobsite needs proactive management to organize the relationships and remove the risk of these process failures from occurring.

This course will teach the principles, exercised successfully by other industries. It will focus on:

1. In-depth understanding and purpose of a PFMEA
2. Components of the PFMEA
3. Procedures for completing a PFMEA
4. Customizing rating scales
5. Common mistakes
6. Case studies

The participants will learn a useful risk analysis method. They will experience simple methods and tools for prevention of potential project failures on the jobsite. They will learn how to identify the possible effects of the failures which can impact job productivity. Finally, the participants will discuss and learn techniques for improvement.

Owners, Executive Managers, Project Managers and high level Field supervisors will learn how to use an effective risk analysis tool to predict failures. The implementation of PFMEA to jobsites will result in higher profits and increased productivity.