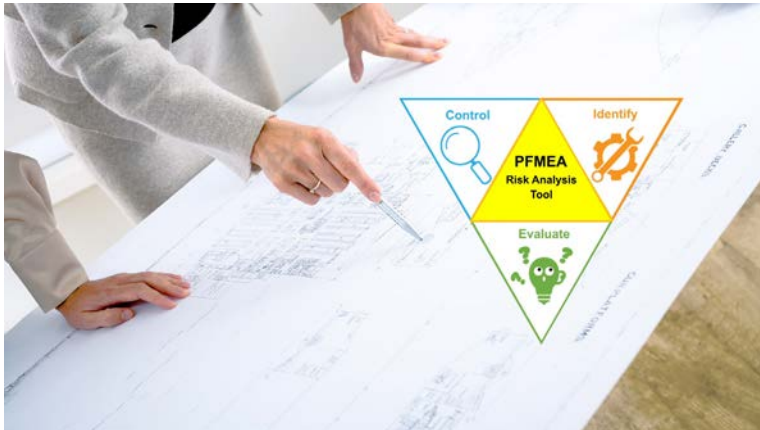


PROCESS FAILURE MODE AND EFFECTS ANALYSIS

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

The THORS Process Failure Mode and Effects Analysis course equips learners to identify potential failure modes, create an effective PFMEA, and maintain the PFMEA. Gain a thorough understanding of PFMEA and prioritize risks, devise corrective actions, and satisfy customer requirements.

Credit Hours **1.5**

Learning Objectives

- Define a process failure mode and effects analysis (PFMEA).
- Understand how to measure and prioritize risks.
- Explain the methodology used to create a PFMEA.
- Recognize the elements of a PFMEA template.
- Explain the steps to record the various manufacturing operations in a PFMEA template.
- Apply real world industrial scenarios to create and maintain a PFMEA.

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I. PFMEA Methodology

- Team Formation
- Risk Prioritization
 - o Severity
 - o Occurrence
 - o Detection
 - o Risk Priority Number
- PFMEA Template
- PFMEA Development
 - o PFMEA Inputs
 - o PFMEA Assumptions
 - o PFMEA Creation
- PFMEA Maintenance

II. Case Study

- Initial Information
- Blanking Operation
- Piercing Operation
- Bending Operation
- Planishing Operation
- Deburring Operation
- Preserving Operation

