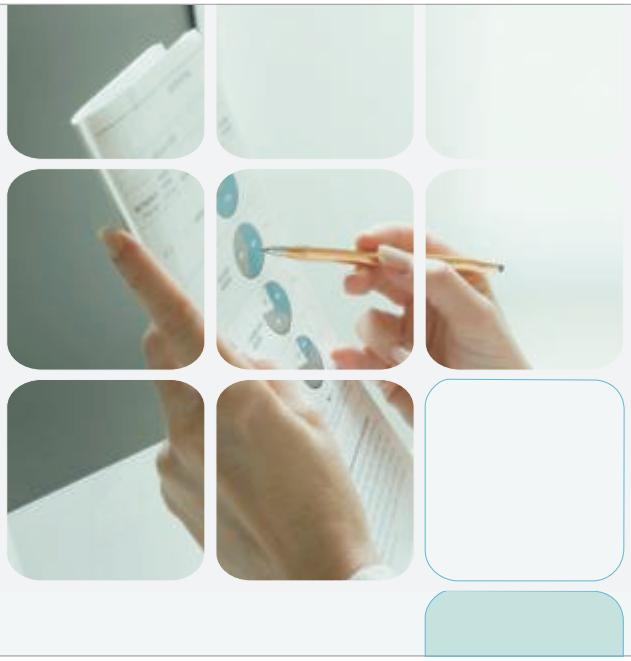


SE FMEA

Failure Mode and Effect Analysis

Save Money and Streamline Your Organization Improvement Goals

Overview

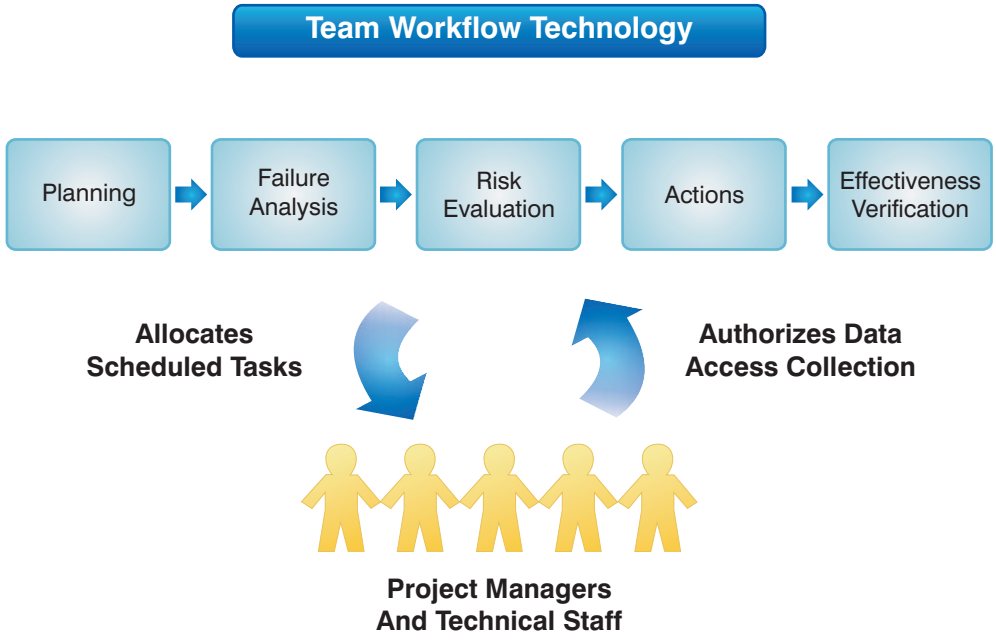
First developed for systems engineering, Failure Mode and Effects Analysis, or FMEA, examines potential failures in products or processes. It helps improve designs for products and processes, resulting in higher reliability, better quality, increased safety, enhanced customer satisfaction and reduced costs. It can also be used to establish and optimize maintenance plans for repairable systems, as well as contribute to control plans and other quality assurance procedures.

SE FMEA is the most time-efficient and cost-effective tool for conducting a Failure Mode and Effects Analysis of any manufactured product. This program delivers a substantial return on investment over manual transcription or generic spreadsheet programs.

SE FMEA applies a management mechanism for preventive and corrective actions that automatically notifies users of pending tasks. It then tracks estimated deadlines, which makes pending task control simple and effective.

SE FMEA is a mandatory requirement to comply with safety and quality requirements, such as ISO 9000 , ISO/TS 16949, Six Sigma, FDA, Good Manufacturing Practices (GMPs), Process Safety Management Act (PSM), and others.

Team Workflow



Failure Mode and Effect Analysis

SE FMEA

Features

- Displays the hierarchy of all FMEA structure from the first level (product or process and their functions) down to the lowest levels (recommended actions) and automatically generates the FMEA form.
- Contains catalogs of products and processes, functions, failure modes, effects, existing causes and controls, thus ensuring nomenclature standardization and agility to create FMEA.
- Automatically calculates risk priority (RPN) and both actual and revised criticism.
- Displays the ranking of failures for one or more FMEA using spreadsheets and pareto, bar, pie, or area charts.
- Automatically sends preventive and corrective actions to respective users via e-mail.
- Supports multi-user environments, and makes changes available to all users.
- Tracks action deadlines and notifies users responsible for FMEA in case of any delay.
- Displays RPN through pareto analysis, area chart, and distribution graphs.
- Enters and views FMEA data in the traditional worksheet format, an intuitive hierarchical tree view, or filtered lists.
- Displays Gantt charts of all in-progress FMEA processes and their respective actions.
- Prints FMEA according to AIAG, VDA, or company's defined standards.
- Reuses information from existing analysis by importing FMEA information from Excel, copy/pasting portions of another analysis, or selecting descriptions from existing FMEAs.
- Locates FMEA processes by any known information, such as product or process, client or supplier, failure mode/ effect/ cause/ control, and more.
- Stores FMEA processes for all revisions incurred and identifies all changes made on each revision.
- Electronically archives documents attached to FMEA processes, such as texts, spreadsheets, drawings, diagrams, and more.
- Creates management reports with information about common failures in products and processes, volume and effectiveness of preventive/corrective actions, and more.
- Generates FMEA forms with unlimited space for text entry and reserved spaces for additional comments about each field.
- Transfers data to other Windows applications such as text editors, spreadsheets, databases, and more.

www.softexpert.com
sales@softexpert.com

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