Hazard Analysis, Auditing, and Fault Tree Software

Process Safety Office® PSMPro™ is intuitive software that makes it easy to perform process hazard analysis (PHA, HAZOP, etc), conduct audits using a variety of protocols (CCPS, APEGA, etc), and analyze Fault Tree logic.

Unleash the full potential of your safety studies with a platform that seamlessly links HAZOP and LOPA studies and lets you embed Fault Tree studies directly into your PHA. Generate comprehensive reports containing all your work products in a single click, transforming complex data into a clear, unified vision!

Main Features & Benefits

PHAs & HAZOPs

- PHA, HAZOP, What-if? and Checklist, in addition to Combustible Hazards Checklists, FMEA, and LOPA techniques.
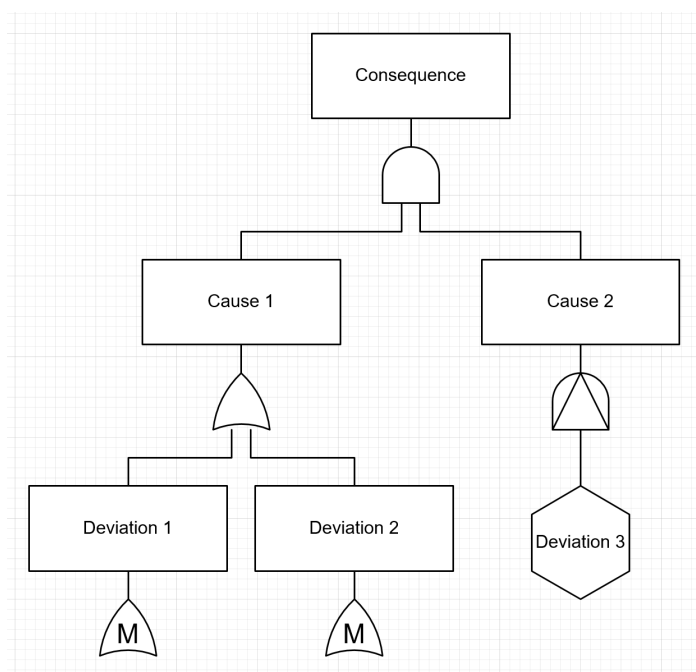- Link HAZOP and LOPA templates.

Audits

- Perform audits based on relevant industry, corporate, and ISO-based protocols.
- Record results of any type of audit, including Process Safety Management (PSM) and Risk Management Program (RMP) compliance audits.

Fault Tree Logic Analysis

- Create and edit fault trees for any purpose.
- Graphical user interface instantly generates new, compact layouts whenever you edit your tree.

Edit fault trees using a visual interface.

#	Cause	#	Consequences
1.1.1	Minimal Back pressure	1.1.1.1	Pump runout
1.1.2	Thermal siphon	1.1.2.1	Pump runout
1.1.3	Excessive motor speed	1.1.3.1	Motor Damage
1.2.1	Low motor Speed	1.2.1.1	Thermal Siphon
1.2.2	Valve closed	1.2.2.1	Pump deadhead
1.2.3	Pump failure	1.2.3.1	Reverse Flow

Boost Productivity

- Jumpstart your studies with pre-populated, customizable templates that provide a consistent framework for company-specific projects.
- Generate fully formatted PDF study reports, giving you complete control over every element included.
- Track action items directly on web portal, reducing manual tasks and ensuring timely follow-ups, boosting productivity.