

A software package for recording and managing process hazard analyses



USES

Use HAZOPtimizer to record the results of all kinds of process hazard analyses, including:

- HAZOPs (Hazard and Operability Studies)
- LOPA (Layer of Protection Analysis)
- FMEAs (Failure Mode and Effects Analyses)
- What-If and Checklist Analyses
- Any Other technique that uses a tabular format
- A HAZOP template is included with default guide words

NEW FEATURES

- Fully configurable for up to a 6x6 risk-ranking matrix
- Auto-population of study section participant checkboxes
- New Causes, New Consequence and New Recommendation function toolbar items have been added for quick use
- Displays progress bar when the Summary and Prep for Print toolbar items are clicked
- New Data Entry Form for easy data entry and display (in addition to typing data directly into the spreadsheet)
- New Checklist templates for Dust and much more!
- User defined checklist/what-if template
- New category How-To is added to the outline help

A TRUE WINDOWS EXCEL APPLICATION

- Uses standard Excel menus and keystrokes
- Each study section is saved as a separate tab in the Excel workbook
- Shares data with other Windows applications
- Prints reports using Windows Print Manager

ADDITIONAL FEATURES

- Layer of Protection Analysis (LOPA)
- Failure Modes and Effects Analysis (FMEA)
- What-if / Checklists
- Multiple Pre-populated Checklists for Dust Hazard Operations
- Pre-defined what-if / checklist study templates
- Color-coding for study worksheets tab
- Can use different templates for one PHA study
- Easy navigation tool for worksheets
- Auto-generated Table of Contents (TOC)
- Attendance sheet for tracking participants' attendance by study section
- Automatically calculates risk level from the risk matrix entered by the user
- Automatically sorts recommendations by risk level or operability issue
- New study sections can be created using default guide words or can be copied from existing sections
- Contains default phrases to simplify recording. The user can enter up to twenty custom phrases
- Automatically rennumbers each item when new rows are added
- Includes a unit conversion utility to easily switch from English to SI units
- Automatically formats all worksheets for printing
- Automatically creates a recommendation summary table with additional columns for implementing and tracking recommendations that can be exported to iOxpress for action tracking

▶ ▶ ▶ www.ioxpress.com/hazoptimizer