

PHAWorks Lite

PHAWorks Lite® is an alternative option to our flagship program, PHAWorks RA Edition, for those who don't require the features and flexibility of PHAWorks RA Edition. PHAWorks Lite allows you to easily start performing your studies and conduct both PHA and LOPA studies together in the same worksheet.

KEY BENEFITS

- Conduct PHA and LOPA studies in the same worksheet
- Benefit from the intuitive user interface
- Select from 11 PHA methods such as HAZOP, What If, FMEA, DHA, Safety / Hazard Analysis and others
- Convert your current PHAWorks 5 project files
- Import projects from other PHA software
- Perform studies in Spanish
- Switch between light and dark mode
- Perform LOPA worksheet math automatically
- Assign colors to cells in risk matrices to indicate risk levels
- Drag and drop (move or copy) data
- Insert images in projects
- Select multiple entries from drop-down lists or Entry Lists to enter into the worksheet
- Copy data between projects using Quick Copy
- Use master quick entry databases to enter repetitive entries
- Create references to other entries
- Option to print referenced text
- Navigate easily between worksheets
- Export recommendation data to a CSV file
- Use standard reports or create your own custom reports
- Generate multiple reports at once using report groups
- Copy data between projects using Quick Copy
- Create and apply risk rankings
- Zoom in and out to change the size of items in the window
- Modify colors used in your projects
- Software configuration options
- Optional automatic updates

Causes	Frequency	Consequences	LOPA?	Safeguards			Enablers		Risk After Safeguards			Scenario Risk				
				Safeguards	IPL?	IPD	Enablers	Value	S	L	R	Frequency	Tolerance	RRR	RRF	
1. Level transmitter, LT TK-104, fails to detect high level	1x10 ⁻²	1.1.1. Operator fatality	<input checked="" type="checkbox"/>	1.1.1.1. High level shutoff for tank, TK-104	<input checked="" type="checkbox"/>	1x10 ⁻²	Lack of PM on level transmitter LT TK-104	5	5	3	7	1.25x10 ⁻⁵	<input type="checkbox"/>	1x10 ⁻⁶	8x10 ⁻⁷	12.5
				1.1.1.2. Operator action to stop pump, P-100	<input checked="" type="checkbox"/>	1x10 ⁻²	Probability of ignition	5x10 ⁻⁴								
				1.1.1.3. Plant fire brigade	<input type="checkbox"/>		Probability of personnel in affected area	5x10 ⁻⁴								
2. Tank level indicating controller, LIC TK-104, fails mechanically	1x10 ⁻³	2.1.1. Operator fatality	<input checked="" type="checkbox"/>	2.1.1.1. High level shutoff for tank, TK-104	<input checked="" type="checkbox"/>	1x10 ⁻³	Probability of ignition	5x10 ⁻⁴	5	2	6	2.5x10 ⁻⁷	<input type="checkbox"/>	1x10 ⁻⁶	None	None
				2.1.1.2. Operator action to stop pump, P-100	<input checked="" type="checkbox"/>	1x10 ⁻³	Probability of personnel in affected area	5x10 ⁻⁴								
				2.1.1.3. Plant fire brigade	<input type="checkbox"/>		Probability of harm from exposure	1								
3. Pump P-100 fails on due to mechanical failure	1x10 ⁻³	3.1.1. Operator fatality	<input checked="" type="checkbox"/>	3.1.1.1. High level shutoff for tank, TK-104	<input checked="" type="checkbox"/>	1x10 ⁻³	Lack of PM on pump, P-10	1.5	5	3	7	1.88x10 ⁻⁶	<input type="checkbox"/>	1x10 ⁻⁶	5.33x10 ⁻⁷	1.88
				3.1.1.2. Plant fire brigade	<input type="checkbox"/>		Probability of ignition	5x10 ⁻¹								

Complete PHA and LOPA in the same worksheet

For more information, contact: